

a division of Recra Environmental, Inc.

Reera LabNet Philadelphia
Analytical Report

Virtual Laboratories Everywhere

Client: TNU-HANFORD B99-056

RFW#: 9905L101

**SDG/SAF#:** H0424/B99-056

W.O.#: 10985-001-001-9999-00

Date Received: 05-27-99

SEP METALLED

#### PESTICIDE, DDT SERIES

The set of samples consisted of fifty-eight (58) insect samples collected on 04-15,19,20,21-9

The samples and their associated QC samples were extracted on 06-04,07,08-99 and analyzed based on SW846, 3rd Edition, procedures on 06-09,10,11,14-99. The extraction procedure was based on Method 3540 and the extracts were analyzed based on Method 8081 for DDT Series.

The following is a summary of the QC results accompanying the sample results and a description of any problems encountered during their analyses:

- 1. The cooler temperature has been recorded on the chain-of-custody.
- 2. All required holding times for analysis have been met. The samples were received out of SW846 extraction hold time for solids.
- 3. The samples and their associated QC samples received a sulfuric acid cleanup, with the exception of sample B0V883, which could not be acid cleaned.
- 4. The method blanks were below the reporting limits for all target compounds.
- 5. Two (2) of one-hundred-eighteen (118) obtainable surrogate recoveries were outside acceptance criteria. A copy of the Sample Discrepancy Report (SDR) has been enclosed.
- 6. All blank spike recoveries were within acceptance criteria.
- 7. One (1) of twelve (12) obtainable matrix spike recoveries were outside acceptance criteria. A copy of the Sample Discrepancy Report (SDR) has been enclosed.
- 8. Matrix spike recoveries were unobtainable for sample B0V899 due to the dilution required for analysis.
- 9. Several samples required instrument dilutions due to high concentrations of target analytes.

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 88 pages.

208 Welsh Pool Road • Lionville, PA 19341-1333 • (610) 280-3000 • Fax (610) 280-3041

- 10. Sample B0V833 required a 2-fold instrument dilution due to chromatographic anomalies. Reporting limits have been adjusted to reflect the necessary dilutions.
- 11. All initial calibrations associated with this data set were within acceptance criteria.
- 12. All continuing calibration standards analyzed prior to sample extracts were within acceptance criteria.

J. Michael Taylor

Vice President

Philadelphia Analytical Laboratory

jeh\r:\group\data\pest\05L-101.pes

06-29-99

Date



| Recra LabNet Philadelphia Sample Discrepancy Report (SDR) SDR #: 4/00 /25  |
|--|
| Initiator: Blastor RFW Batch: 9905C/0/ Parameter: 060DX Date: 6/16/99 Samples: 031ms, 038 Matrix: bugs Client: 700-Haufor Method: 90846McAWW/CLP/ Prep Batch: 994E0094   |
| 1. Reason for SDR a. COC Discrepancy Tech Profile Error Client Request Sampler Error on C-O-C Transcription Error Wrong Test Code Other  b. General Discrepancy Missing Sample/Extract Container Broken Wrong Sample Pulled Label ID's Illegible Hold Time Exceeded Insufficient Sample Preservation Wrong Received Past Hold Improper Bottle Type Not Amenable to Analysis  Note: Verified by [Log-In] or [Prep Group] (circle)signature/date:  c. QC Problem (Include all relevant specific results; attach data if necessary)  DSAMPLE O28 GAL GIFT Surregate for TCX O / 25% (aclimitalization)  PRB @ 122% (QC /im: + 118)  Danple O2105 GALA GIFT DDE spike recovery @ 210% DM+ ADT were |
| 2. Known or Probable Causes(s) (2) - Omis is probably due to the matrix being bugs which are not homogenous a Also contained ODE.  |
| 3. Discussion and Proposed Action  Re-log Entire Batch Following Samples: Re-leach Re-extract Re-digest Revise EDD Change Test Code to Place On/Take Off Hold (circle)   |
| 4. Project Manager Instructionssignature/date:   |
| 5. Final Actionsignature/date:/ Colore/ Other Explanation: Verified re-[log][leach][extract][digest][analysis] (circle) Included in Case Narrative Hard Copy COC Revised Electronic COC Revised EDD Corrections Completed  |
| When Final Action has been recorded, forward original to QA Specialist for distribution and filing.  |
| Route Distribution of Completed SDR  X Initiator X Lab Manager: M. Taylor X Project Mgr: Stone/Carey/Schrenkel Johnson X Section Mgr: Wesson/Daniels X QA (file): Racioppi Data Management: Feldman Sample Prep: Schnell/Doughty/Kauffman    Distribution of Completed SDR   Metals: Doughty     Inorganic: Perrone     GC/LC: Schnell     MS: LeMin/Taylor     Log-in: Toder     Admin: Soos     Other:   |

#### Recra LabNet Philadelphia

#### GLOSSARY OF PESTICIDE/PCB DATA

#### **DATA QUALIFIERS**

- U = Indicates that the compound was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J = Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination.
- E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I = Interference.

#### **ABBREVIATIONS**

- BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- **BSD** = Indicates blank spike duplicate.
- MS = Indicates matrix spike.
- MSD = Indicates matrix spike duplicate.
- **DL** = Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA = Not Applicable.
- **DF** = Dilution Factor.
- NR = Not Required.
- SP = Indicates Spiked Compound.



RFW 21-21-035/A-03/97

#### Recra LabNet Philadelphia

#### GLOSSARY OF PESTICIDE/PCB DATA

- P = This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".
- **D** = This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- C = This flag applies to a compound that has been confirmed by GC/MS.

RFW #21-21-035/A-03/97



# Recra LabNet - Lionville Laboratory PEST/PCB ANALYTICAL DATA PACKAGE FOR TNU-HANFORD B99-056

| CLIENT ID | RFW #   | MTX | PREP #   | COLLECTION | EXTR/PREP | ANALYSIS |
|-----------|---------|-----|----------|------------|-----------|----------|
| B0V9C2    | 001     | so  | 99LE0693 | 04/20/99   | 06/04/99  | 06/10/99 |
| B0V9B1    | 002     | SO  | 99LE0693 | 04/20/99   | 06/04/99  | 06/10/99 |
| B0V9B2    | 003     | so  | 99LE0693 | 04/20/99   | 06/04/99  | 06/10/99 |
| B0V9B4 .  | 004     | SO  | 99LE0693 | 04/20/99   | 06/04/99  | 06/10/99 |
| B0V9B5    | 005     | SO  | 99LE0693 | 04/20/99   | 06/04/99  | 06/10/99 |
| B0V9B6    | . 006   | SO  | 99LE0693 | 04/20/99   | 06/04/99  | 06/10/99 |
| B0V9B7    | 007     | so  | 99LE0693 | 04/20/99   | ენ/04/99  | 06/11/99 |
| B0V8B0    | 008     | SO  | 99LE0693 | 04/20/99   | 06/04/99  | 06/11/99 |
| BOV9B8    | 009     | SO  | 99LE0693 | 04/20/99   | 06/04/99  | 06/11/99 |
| B0V9B9    | 010     | SO  | 99LE0693 | 04/20/99   | 06/04/99  | 06/11/99 |
| B0V8B3    | 011     | so  | 99LE0693 | 04/15/99   | 06/04/99  | 06/10/99 |
| B0V8B2    | 012     | SO  | 99LE0693 | 04/15/99   | 06/04/99  | 06/11/99 |
| B0V8B1    | 013     | SO  | 99LE0693 | 04/15/99   | 06/04/99  | 06/11/99 |
| BOVF60    | 015     | so  | 99LE0693 | 05/19/99   | 06/04/99  | 06/10/99 |
| BOVF60    | 015 MS  | SO  | 99LE0693 | 05/19/99   | 06/04/99  | 06/10/99 |
| B0VF60    | 015 MSD | SO  | 99LE0693 | 05/19/99   | 06/04/99  | 06/10/99 |
| BOVF58    | 016     | SO  | 99LE0693 | 05/19/99   | 06/04/99  | 06/10/99 |
| B0V9C1    | 017     | so  | 99LE0693 | 04/20/99   | 06/04/99  | 06/11/99 |
| B0V8B4    | 018     | SO  | 99LE0693 | 04/15/99   | 06/04/99  | 06/10/99 |
| B0V8B5    | 019     | so  | 99LE0693 | 04/21/99   | 06/04/99  | 06/10/99 |
| B0V8B6    | 020     | so  | 99LE0693 | 04/21/99   | 06/04/99  | 06/11/99 |
| B0V8B7    | 021     | SO  | 99LE0694 | 04/21/99   | 06/07/99  | 06/09/99 |
| B0V8B7    | 021 MS  | so  | 99LE0694 | 04/21/99   | 06/07/99  | 06/09/99 |
| B0V8B7    | 021 MSD | SO  |          | 04/21/99   | 06/07/99  | 06/09/99 |
| B0V8B8    | 022     |     | 99LE0694 | 04/15/99   | 06/07/99  | 06/10/99 |
| B0V8C0    | 023     |     | 99LE0694 | 04/20/99   | 06/07/99  | 06/09/99 |
| B0V8C1    | 024     |     | 99LE0694 | 04/20/99   | 06/07/99  | 06/09/99 |
| B0V8C2    | 025     | SO  |          | 04/20/99   | 06/07/99  | 06/09/99 |
| B0V8C3    | 026     |     | 99LE0694 |            | 06/07/99  | 06/09/99 |
| B0V8C4    | 027     | SO  | 99LE0694 | 04/20/99   | 06/07/99  | 06/09/99 |
| B0V8C5    | 028     | SO  | 99LE0694 | 04/20/99   | 06/07/99  | 06/09/99 |
| B0V8C6    | 029     |     | 99LE0694 | 04/20/99   | 06/07/99  | 06/09/99 |
| B0V8C7    | 030     | SO  | 99LE0694 | 04/20/99   | 06/07/99  | 06/09/99 |
| B0V8C8    | 031     |     | 99LE0694 |            | 06/07/99  | 06/09/99 |
| B0V8C9    | 032     |     | 99LE0694 |            | 06/07/99  | 06/09/99 |
| B0V8D3    | 033     |     | 99LE0694 | • •        | 06/07/99  | 06/09/99 |
| B0V874    | 034     |     | 99LE0694 |            | 06/07/99  | 06/09/99 |
| B0V875    | 035     | so  | 99LE0694 | 04/15/99   | 06/07/99  | 06/09/99 |

AU 06-18-99

# Recra LabNet - Lionville Laboratory PEST/PCB ANALYTICAL DATA PACKAGE FOR TNU-HANFORD B99-056

| CLIENT ID   | RFW #   | MTX | PREP #   | COLLECTION | EXTR/PREP | ANALYSIS |
|-------------|---------|-----|----------|------------|-----------|----------|
| B0V876      | 036     | so  | 99LE0694 | 04/15/99   | 06/07/99  | 06/09/99 |
| B0V877      | 037     | so  | 99LE0694 | 04/15/99   | 06/07/99  | 06/09/99 |
| B0V878      | 038     |     | 99LE0694 | 04/15/99   | 06/07/99  | 06/09/99 |
| B0V879      | 039     | so  | 99LE0694 | 04/15/99   | 06/07/99  | 06/10/99 |
| B0V880      | 040     | so  | 99LE0694 | 04/15/99   | 06/07/99  | 06/10/99 |
| B0V881      | 041     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/10/99 |
| B0V882      | 042     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/10/99 |
| B0V883      | 043     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V884      | 044     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/10/99 |
| B0V885      | 045     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/10/99 |
| B0V886      | 046     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/10/99 |
| B0V887      | 047     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V888      | 048     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/10/99 |
| B0V889      | 049     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/10/99 |
| B0V890      | 050     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V891      | 051     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V892      | 052     | SO  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V893      | 053     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V894      | 054     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V895      | 055     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V896      | 056     | SO  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V897      | 057     | so  | 99LE0702 | 05/15/99   | 06/08/99  | 06/11/99 |
| B0V898      | 058     | so  | 99LE0702 | 04/15/99   | 06/08/99  | 06/14/99 |
| B0V899      | 059     | SO  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V899      | 059 MS  | SO  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| B0V899      | 059 MSD | SO  | 99LE0702 | 04/15/99   | 06/08/99  | 06/11/99 |
| AB QC:      |         |     |          |            | •         |          |
| <del></del> |         |     |          |            |           |          |
| PBLKLP      | MB1     | s   | 99LE0693 | N/A        | 06/04/99  | 06/10/99 |
| PBLKLP      | MB1 BS  | S   | 99LE0693 | N/A        | 06/04/99  | 06/10/99 |
| PBLKLQ      | MB1     | S   | 99LE0694 | N/A        | 06/07/99  | 06/09/99 |
| PBLKLQ      | MB1 BS  | S   | 99LE0694 | N/A        | 06/07/99  | 06/09/99 |
| PBLKLV      | MB1     | S   | 99LE0702 | N/A        | 06/08/99  | 06/10/99 |
| PBLKLV      | MB1 BS  | S   | 99LE0702 | N/A        | 06/08/99  | 06/10/99 |

9W -1849

Pesticides/PCB by GC, Special List

Client: TNU-HANFORD B99-056

RFW Batch Number: 9905L101

4,4'-DDT

Cust ID: B0V9C2 BOV9B1 BOV9B2 BOV9B4 BOV9B6 BOV9B5 Sample RFW#: 001 002 003 004 006 005 Information Matrix: SOLID SOLID SOLID SOLID SOLID SOLID D.F.: 5.00 1.00 1.00 1.00 1.00 1.00 Units: UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG Decachlorobiphenyl Surrogate: 77 ૪ 105 96 & 107 ş 105 કૃ 96 ક્ષ Tetrachloro-m-xylene 78 92 82 ક 98 ş 98 85 ૪ 4,4'-DDE 670 520 300 180 420 180 4.4'-DDD 210 U 50 U 48 U 42 U 56 U 42 U 4,4'-DDT 210 U 50 U 48 U 42 IJ 56 U 42 U B0V9B7 Cust ID: B0V8B0 B0V9B8 BOV9B9 BOV8B3 B0V8B2 Sample RFW#: 007 800 009 010 011 012 Information Matrix: SOLID SOLID SOLID SOLID SOLID SOLID D.F.: 2.00 2.00 5.00 1.00 2.00 1.00 Units: UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG Decachlorobiphenyl Surrogate: 95 왕 64 왕 કૃ કૃ ፠ 100 D 82 84 Tetrachloro-m-xvlene Ŷ 60 ¥ D ş 75 ş 82 88 82 4,4'-DDE 360 420 620 42 U 440 570 77 U 170 U 42 U 4,4'-DDD 62 U 42 U 77 U

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked. %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. \*= Outside of EPA CLP QC

77 U

62 U

gw 1899

170 U

42 U

42 U

77 U

Report Date: 06/16/99 10:01

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Work Order: 10985001001 Page: 1

Pesticides/PCB by GC, Special List

Report Date: 06/16/99 10:01 RFW Batch Number: 9905L101 Client: TNU-HANFORD B99-056 Work Order: 10985001001 Page: 2

| KFW BALCH N | umber: 9905LIUI                         | Client: TNU | HANFORD B99-056 | Work O     | rder: 109850010 | 001 Page: 2 |           |
|-------------|---|-------------|-----------------|------------|-----------------|-------------|-----------|
|             | Cust ID:                                | B0V8B1      | BOVF60          | BOVF60     | BOVF60          | BOVF58      | B0V9C1    |
| Sample      | RFW#:                                   | 013         | 015             | 015 MS     | 015 MSD         | 016         | 017       |
| Information |   | SOLID       | SOLID           | SOLID      | SOLID           | SOLID       | SOLID     |
|             | D.F.:                                   | 10.0        | 1.00            | 1.00       | 1.00            | 1.00        | 2.00      |
|             | Units:                                  | UG/KG       | UG/KG           | UG/KG      | UG/KG           | UG/KG       | UG/KG     |
| Surrogate:  | Decachlorobiphenyl                      | D %         | 88 %            | 103 %      | 104 %           | 95 %        | 87 %      |
|             | Tetrachloro-m-xylene                    | D %         | 85 %            | 90 %       | 95 %            | 85 %        | 75 %      |
|             | ======================================= | ======fl=   | ======fl===     | :=====f1=: | ======fl==      | .======fl=: | ======fl  |
| 4,4'-DDE    |   | 2900        | 24 U            | 94 %       | 122 %           | 14 U        | 440       |
| 4,4'-DDD    |   | 380 U       | 24 U            | 86 %       | 84 %            | 14 U        | 66 U      |
| 4,4'-DDT    |   | 380 Ü       | 24 U            | 84 %       | 88 %            | 14 U        | 66 U      |
| ····        | Cust ID:                                | B0V8B4      | B0V8B5          | B0V8B6     | B0V8B7          | B0V8B7      | B0V8B7    |
| Sample      | RFW#:                                   | 018         | 019             | 020        | 021             | 021 MS      | 021 MSD   |
| Information | Matrix:                                 | SOLID       | SOLID           | SOLID      | SOLID           | SOLID       | SOLID     |
|             | D.F.:                                   | 1.00        | 1.00            | 10.0       | 1.00            | 1.00        | 1.00      |
|             | Units:                                  | UG/KG       | UG/KG           | UG/KG      | UG/KG           | UG/KG       | UG/KG     |
| Surrogate:  | Decachlorobiphenyl                      | 96 %        | 83 %            | D %        | 101 %           | 118 %       | 111 %     |
|             | Tetrachloro-m-xylene                    | 82 %        | 78 %            | D %        | 102 %           | 112 %       | 110 %     |
|             |   | =====fl=    | =======fl===    | =====f1==  | ======f1==      | ======fl==  | =======fl |
| 4,4'-DDE    |   | 240         | 96              | 1100       | 42 U            | 212 * %     | 120 %     |
| 4,4'-DDD    |   | 22 U        | 36 U            | 370 U      | 42 U            | 102 %       | 106 %     |
| 4,4'-DDT    | ·                                       | 22 U        | 36 U            | 650        | 42 U            | 94 %        | 94 %      |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked. %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. \*= Outside of EPA CLP QC

94.6-18-99

Pesticides/PCB by GC, Special List

Report Date: 06/16/99 10:01 RFW Batch Number: 9905L101 Client: TNU-HANFORD B99-056 Work Order: 10985001001 Page: 3

|             | Cust ID:                                     | B0V8B8                                 | B0V8C0             | B0V8C1               | B0V8C2            | B0V8C3     | B0V8C4         |
|-------------|--|--|--------------------|----------------------|-------------------|------------|----------------|
| Sample      | RFW#:  | 022                                    | 023                | 024                  | 025               | 026        | 027            |
| Information | Matrix:                                      | SOLID                                  | SOLID              | SOLID                | SOLID             | SOLID      | SOLID          |
|             | D.F.:  | 5.00                                   | 1.00               | 1.00                 | 1.00              | 1.00       | 1.00           |
|             | Units:                                       | UG/KG                                  | UG/KG              | UG/KG                | UG/KG             | UG/KG      | UG/KG          |
| Surrogate:  | Decachlorobiphenyl                           | 104 %                                  | 114 %              | 111 %                | 114 %             | 113 %      | 109 %          |
|             | Tetrachloro-m-xylene                         | 108 %                                  | 108 %              | 110 %                | 105 %             | 110 %      | 108 %          |
|             |  | ====================================== | :======±1==<br>130 | ======f1==<br>200    | =======f1==<br>91 | fl==<br>63 | ======fl<br>29 |
| 4,4'-DDD    |  | 230 U                                  | 32 U               | 23 U                 | 43 U              | 37 U       | 24 U           |
| 4,4'-DDT    |  | 230 U                                  | 32 U               | 23 U                 | 43 Ü              | 37 U       | 24 U           |
|             | Cust ID:                                     | B0V8C5                                 | B0V8C6             | B0V8C7               | B0V8C8            | BOV8C9     | B0V8D3         |
| Sample      | RFW#:  | 028                                    | 029                | 030                  | 031               | 032        | 033            |
| Information | Matrix:                                      | SOLID                                  | SOLID              | SOLID                | SOLID             | SOLID      | SOLID          |
|             | D.F.:  | 1.00                                   | 1.00               | 1.00                 | 1.00              | 1.00       | 1.00           |
|             | Units:                                       | UG/KG                                  | UG/KG              | UG/KG                | UG/KG             | UG/KG      | UG/KG          |
| Surrogate:  | Decachlorobiphenyl                           | 125 * %                                | 113 %              | 113 %                | 112 %             | 116 %      | 111 %          |
|             | Tetrachloro-m-xylene                         | 120 * %                                | 108 %              | 112 %                | 108 %             | 112 %      | 108 %          |
|             | <b>===</b> ================================= | =====f1= <b>=</b>                      | ======fl==         | ==== <b>===</b> fl== | =====f1==         | =====fl==  | ======f1       |
|             |  | 40 U                                   | 54                 | 42 Ü                 | 27                | 440        | 400            |
| 4,4'-DDD    |  | 40 U                                   | 21 U               | 42 U                 | 24 Ü              | 40 U       | 45 U           |
| 4,4'-DDT    |  | 40 U                                   | 21 U               | 42 U                 | 24 U              | 40 U       | 45 U           |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked. %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. \*= Outside of EPA CLP QC

July 18-99

Pesticides/PCB by GC, Special List

Report Date: 06/16/99 10:01 Work Order: 10985001001 Page: 4 RFW Batch Number: 9905L101 Client: TNU-HANFORD B99-056

|             | Cust ID:                                  | B0V874     | B0V875     | B0V876      | B0V877     | B0V878     | B0V879   |
|-------------|---|------------|------------|-------------|------------|------------|----------|
| Sample      | RFW#:                                     | 034        | 035        | 036         | 037        | 038        | 039      |
| Information | Matrix:                                   | SOLID      | SOLID      | SOLID       | SOLID      | SOLID      | SOLID    |
|             | D.F.:                                     | 1.00       | 1.00       | 1.00        | 1.00       | 1.00       | 1.00     |
|             | Units:                                    | UG/KG      | UG/KG      | UG/KG       | UG/KG      | UG/KG      | UG/KG    |
| Surrogate:  | Decachlorobiphenyl                        | 118 %      | 111 %      | 115 %       | 118 %      | 107 %      | 121 %    |
|             | Tetrachloro-m-xylene                      | 115 %      | 108 %      | 110 %       | 95 %       | 100 %      | 115 %    |
| =========== | -<br>-=================================== | ======fl=: | ======fl== | =======f1== | ======f1== | ======f1== | ======fl |
|             |   | 27 U       | 24 U       | 37 ປັ       | 34 U       | 33 U       | 38 U     |
|             |   | 27 Ü       | 24 U       | 37 U        | 34 U       | 33 U       | 38 U     |
|             |   | 27 U       | 24 U       | 37 Ŭ        | 34 U       | 33 U       | 38 U     |
|             | Cust ID:                                  | B0V880     | B0V881     | B0V882      | B0V883     | B0V884     | B0V885   |
| Sample      | RFW#:                                     | 040        | 041        | 042         | 043        | 044        | 045      |
| Information | Matrix:                                   | SOLID      | SOLID      | SOLID       | SOLID      | SOLID      | SOLID    |
|             | D.F.:                                     | 1.00       | 1.00       | 1.00        | 2.00       | 1.00       | 1.00     |
|             | Units:                                    | UG/KG      | UG/KG      | UG/KG       | UG/KG      | UG/KG      | UG/KG    |
| Surrogate:  | Decachlorobiphenyl                        | 110 %      | 104 %      | ·111 %      | 92 %       | 109 %      | 117 %    |
|             | Tetrachloro-m-xylene                      | 105 %      | 105 %      | 102 %       | 92 %       | 108 %      | 112 %    |
| =========   | -<br>                                     | fl         | =====fl==  | =====fl==   | =====fl==: | ======fl== | ======fl |
| 4,4'-DDE    |   | 32 U       | 210        | 26          | 39 U       | 36 U       | 29 U     |
| 4,4'-DDD    |   | 32 U       | 31 U       | 19 U        | 39 U       | 36 U       | 29 U     |
| 4,4'-DDT    |   | 32 U       | 31 U       | 19 U        | 39 U       | 36 U       | 29 U     |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked. %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. \*= Outside of EPA CLP QC

ph 1899

RFW Batch Number: 9905L101 Client: TNU-HANFORD B99-056 Work Order

Work Order: 10985001001 Page: \_5

Report Date: 06/16/99 10:01

B0V887 B0V888 B0V889 B0V890 B0V891 Cust ID: B0V886 051 048 049 050 Sample RFW#: 046 047 SOLID SOLID SOLID Information Matrix: SOLID SOLID SOLID D.F.: 1.00 10.0 1.00 1.00 2.00 10.0 UG/KG UG/KG UG/KG UG/KG Units: UG/KG UG/KG Decachlorobiphenyl Surrogate: 112 કૃ D 왕 109 왐 106 왕 113 કૃ D Tetrachloro-m-xylene 110 왕 D % 105 ક્ષ 102 왕 110 ò D 왐 4,4'-DDE 160 1000 39 58 490 1300 4,4'-DDD 36 U 180 U 32 U 21 U 54 U 270 U 4,4'-DDT 36 U 180 U 32 U 21 U 54 U 270 U

|              | Cust ID:                                  |         | 2      | B0V89 | 3      | B0V894  | 4      | B0V89   | 5      | B0V89   | 5      | B0V897   |      |  |
|--------------|---|---------|--------|-------|--------|---------|--------|---------|--------|---------|--------|----------|------|--|
| Sample       | RFW#:                                     | 05:     | 2      | 053   | 3      | 054     | 4      | 05      | 5      | 056     | 5      | 05       | 7    |  |
| `Information | mation Matrix:                            |         |        | SOLID |        | SOLID   |        | SOLID   |        | SOLID   |        | SOLID    |      |  |
|              | D.F.:                                     | 20      | .0     | 5.0   | 00     | 1.0     | 00     | 1.0     | 00     | 1.0     | 00     | 1.0      | 00   |  |
|              | Units:                                    | UG/I    | KG     | UG/KG |        | UG/KG   |        | UG/I    | ⟨G     | UG/I    | ΚG     | UG/KG    |      |  |
| Surrogate:   | Decachlorobiphenyl                        | D       | %      |       | 8      | 114     | ું જ   | 118     | ક      | 109     | ે જ    | 121      | *    |  |
| •            | Tetrachloro-m-xylene                      | D       | ૪      | D     | ક      | 110     | ક      | 110     | %      | 105     | 8      | 105      | ક    |  |
| ==========   | •<br>•=================================== | ======= | ==fl== | ===== | ==fl== | ======= | ==fl== | ======= | ==f1== | ======= | ==fl== | ======== | ==fl |  |
| 4,4'-DDE     |   | 1900    |        | 610   |        | 27      | U      | 37      | U      | 34      | U      | 48       | U    |  |
| 4,4'-DDD     |   | 350     | U      | 140   | U      | 27      | U      | 37      | U      | 34      | U      | 48       | U    |  |
| 4,4'-DDT     |   | 350     | Ü      | 140   | U      | 27      | U      | 37      | U      | 34      | U      | 48       | Ü    |  |

U= Analyzed; not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. "NS= Not spiked." The Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. \*= Outside of EPA CLP QC

9W 1891

012

Client: TNU-HANFORD B99-056

160 U

RFW Batch Number: 9905L101

Pesticides/PCB by GC, Special List

Report Date: 06/16/99 10:01

3.3 U

102

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Work Order: 10985001001 Page: 6

Cust ID: B0V898 B0V899 B0V899 B0V899 PBLKLP PBLKLP BS Sample RFW#: 058 059 059 MS 99LE0693-MB1 059 MSD 99LE0693-MB1 Information Matrix: SOLID SOLID SOLID SOLID SOIL SOIL D.F.: 5.00 5.00 5.00 5.00 1.00 1.00 Units: UG/KG UG/KG UG/KG UG/KG UG/KG UG/KG Surrogate: Decachlorobiphenyl D 왕 D કૃ ક D Ď કૃ 87 ક્ષ જુ 100 Tetrachloro-m-xylene D ક D 왕 D 왕 D 왕 82 95 કૃ 옿 4,4'-DDE 400 940 왕 D 3.3 U D & 104 ş 4,4'-DDD 160 U 280 U D % D 왐 3.3 U 100 왕 4,4'-DDT

280 U

|                       | Cust ID:             | PBLKLQ         |    | PBLKLQ BS   |           | PBLKLV      |            | PBLKLV BS                                     |            |  |
|-----------------------|----------------------|----------------|----|-------------|-----------|-------------|------------|---|------------|--|
| Sample<br>Information |                      | 99LE0694-1     |    | 99LE0694-   |           | 99LE0702-1  |            | 99LE0702-                                     |            |  |
|                       | D.F.:<br>Units:      | 1.<br>UG/1     | 00 | 1.0<br>UG/1 | 00        | 1.(<br>UG/I | 00         | 1.<br>UG/                                     | 00         |  |
| Surrogate:            | Decachlorobiphenyl   | 109            | ક  | 114         |           | 108         | ે          | 108   | ુ          |  |
|                       | Tetrachloro-m-xylene | 110            | 8  | 102         | 8         | 110         | 8          | 108   | 8          |  |
| 4,4'-DDE              |                      | 3.3            |    | 96          | ==fl<br>% | 3.3         | Ω<br>==r1: | == <b>====</b> ============================== | *<br>==t1: | ====================================== |
| 4,4'-DDD<br>4,4'-DDT  |                      | _ 3.3<br>_ 3.3 |    | 90<br>92    | ું<br>જ   | 3.3<br>3.3  | U<br>U     | 84<br>88                                      | olo olo    |  |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked. %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. \*= Outside of EPA CLP QC

MG-18/97

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RECRA LabNet Use Only

# Custody Transfer Record/Lab Work Request

(4) Per 1700

| Client IN  | U-H       | anto          | rd B           | 99-05      | 6      |            | Refrige  | rator | #             |                   |              |   | 4            |          |                    |          |      | · ·           |   | · · · ·          |                   |                                   |   |   |         |  |
|--|-----------|---------------|----------------|------------|--------|------------|----------|-------|---------------|-------------------|--------------|---|--------------|----------|--------------------|----------|------|---------------|---|------------------|-------------------|-----------------------------------|---|---|---------|--|
| Est. Final Pro   |           |               |                |            |        | 2          | #/Type   | Cont  | ainer         | Liquid            |              |   |              |          |                    |          | 1 N  | . ,           | 1,47,5  | \$               | di sar            |                                   | . J.                                      | 14  | 100     |  |
| Protect # 14   | 29 8S     | 1001-6        | OV 1-99        | 19-00      | x 5, 2 |            |          |       |               | Solid             | <i>3</i> , ; |   | 14           | ļ        |                    | 1,11     |      | 1.55          | 3   | 2.00             | 2000              | 313 1                             | 3 3                                       | - 14 A  | 32.00   |  |
| Project Conta  | ct/Phot   | 16 #          |                |            |        | 3          | Volume   | •     |               | Liquid<br>Solid   | -            |   | 120          |          |                    |          |      | -             | -   | 27)<br>×         | K 4               |                                   | As of a                                   |   | 18 X    |  |
| RECRA Proje  | ct Mans   | ider O        |                | 1 Sec. 15  |        | <u> </u>   | Preserv  | ative | 8             |                   |              |   | 108          |          | : :                | 1.       |      |               |   | - 41             |                   |                                   |   | 18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00<br>18.00 | 13.3    |  |
| oc spee  | Del بيخ   | stel          | ĖTAT 📖         | 30 0       | lay    | <u> </u>   |          |       |               |                   |              | ORG   |              |          | ::                 |          |      | INC           | RG  | 3.4)             | 13. de<br>13. de  | 'A'                               |   | , (C)   | 304     |  |
| Date Rec'd<br>Account #  |           |               | Date Due _     |            |        |            | REQUE    |       | ·             | -                 | VOA          | BNA   | Pest/<br>PCB | Herb     |                    | ,        |      | Metai         | S   | 100              |                   |                                   |   |   |         |  |
| MATRIX   |           |               |                |            |        | trix       |          |       |               |                   |              |   | _            | <b>+</b> |                    | REC      | RA L | abNet         | Use (   | Only             |                   | Ţ                                 |   |   |         |  |
| SODES:<br>Soli<br>SE Sediment  | Lab<br>ID | Cile          | ont iD/Descrip | otion      | Cho    |            | Matrix   |       | ate<br>lected | Time<br>Collected |              |   | 18020        |          |                    |          |      |               |   |                  |                   |                                   |   |   |         |  |
| 80 - Solid<br>SL - Studge  |           |               | <u>-</u>       |            | MS     | MSD        |          | L     |               |                   |              |   | 80           |          |                    |          |      |               |   |                  |                   |                                   |   |   |         |  |
| W Water  | 001       | BOV9          | 102            |            |        |            | 50       | 4/2   | cha           | 1220              | i            |   | <b>✓</b>     |          | <u> </u>           |          |      |               |   |                  |                   | ,                                 | 1   |   | 2.3     |  |
| A Alf  | 18        | 1.9           | BI             | <i>M</i> 7 |        |            |          |       | <u> </u>      | 1146              |              |   |              |          |                    | ,        |      |               |   | 1,7              | ₹¥:               |                                   | . ;                                       | 3   | 1.5     |  |
| Solids<br>DL Drum  | 3         | 0             | 1132           |            |        |            |          |       |               | 1156              |              | <u>.                                     </u> |              |          | • •                |          |      | İ             |   | 1                | / <sub>X</sub>  X |                                   |   |   | . (U. ₩ |  |
| Liquids  | 14        | 9             | B4             |            |        |            |          |       |               | 1152              |              |   |              |          |                    |          |      | -             |   |                  | 45<br>5           |                                   |   | 3.5   |         |  |
| Leachate<br>Wil# Wipe  | 5         | 6             | 135            | ψ.         |        |            |          |       |               | 1148              |              |   |              | <u> </u> |                    |          |      | <b>(</b> , )  |   | क्रेक्ट)<br>याद् |                   |                                   |   |   |         |  |
| X Other  | 6         | 9             | BL             |            | -      |            |          |       |               | 1203              |              |   |              |          |                    |          | ,    |               |   | *                | 7 2               |                                   | yat.                                      |   |         |  |
|  | 7         | 0             | 187            |            |        |            | · .      |       |               | 1207              |              |   |              |          |                    |          | :-   |               | 7   |                  |                   | ,74° -                            | 476.7                                     |   | 34      |  |
| Marie<br>Sensiti   | 8         | 8             | BO             |            |        |            |          |       |               | 1354              |              |   |              | 1        | ٠, ٠,              |          |      | 12.<br>12.    | ·   |                  | , j.              |                                   | 35-11-11-11-11-11-11-11-11-11-11-11-11-11 |   |         |  |
| The state of the s | 19        | 9             | B8             |            | •      | ·          |          |       |               | 1209              |              |   |              |          |                    |          | 2    |               |   | - S              | ·                 | - A.                              |   |   |         |  |
|  | 010       | 1.9           | 139 :          |            |        |            | <u>_</u> |       | -             | 1212              |              |   | سلر          |          |                    |          |      |               |   |                  |                   |                                   |   | £ 7%  | SE 1.5  |  |
| FIELD PERSON   | INEL: CC  | MPLETE ON     | ILY SHADED     | AREAS      |        | Di         | TE/REV   | ISION |               | ncv -             |              | 11 T  |              |          |                    |          |      | Ţ             |   | RECR             | A Lab             | Net Us                            | se Onl                                    |   |         |  |
| Special instruc  |           |               |                |            |        | -          |          | 1     | TIL.          | 08X =             |              | -   |              |          |                    |          |      | ╁ <u>-</u>    |   | 7                |                   |                                   |   |   |         |  |
| saf#   | B49       | 7-056         |                |            |        | _          |          | 2     |               |                   |              | 4 b   |              |          |                    |          |      |               | npies w<br>Shipped  |                  | or                |                                   | ape wasent on                             |   | ľ       |  |
| _  |           |               |                | . 1        | 112    | _          |          | 3     |               |                   | 4.           | 4 D   | DT           |          |                    |          |      |               | rd Deliv  |                  |                   |                                   |   | ,   | ì       |  |
| 6/2/99 -   | Sam       | ples 01       | 14.061         | weggs      | ט זי ג |            |          | 4     |               | _                 |              |   |              |          |                    |          |      | 1             | mblent  |                  | lled)             |                                   | roken o                                   |   | ir      |  |
| !  | batch.    | 99061         | . 135          | 0 (-       |        |            | _        |       | Qu            | m                 | m 17         | tai   | .x           | QC       | ,                  |          |      | 3) F          | Receive   | d in Go          | ood               |                                   | sent on                                   | Sample  | е ]     |  |
| ,  | Sam       | ple 00        | 10 rela        | aged to    |        |            |          | 5. —  | 100           |                   | 11.47        | V 1/C   | <i>7</i>     | در د     |                    |          |      |               | dition  | -                |                   |                                   |   | or N  | i       |  |
|  | Dest      | 7 4400        | 4136           |            |        | _          |          | 6, _  |               |                   |              |   |              |          |                    |          |      | _1 '          | abels I<br>perly P  | reserve          | đ                 | 4) Unbroken on<br>Sample (Y) or N |   |   |         |  |
| Relinquished by  | Re        | eceived<br>by | Date           | Time       | Relin  | quis<br>by | 月        |       |               | N                 |              | Tin   | ne           | Samp     | epancie<br>des Lat | oles and | d    | 5) F          | or N COC Record Present  5) Received Within Upon Sample Rec't |                  |                   |                                   |   |   |         |  |
| Declere  | 1 30      | rlei          | 5127199        | 0930       | _      |            |          |       | •             |                   | • -          | AI  | ]            | NOTE     |                    |          |      |               | ing Tin<br>(  | Ar)or            | N                 |                                   | $\odot$                                   | or N  | 1       |  |
|  |           | ·             | ,              |            | _      | <u>n</u>   | K V      | Y     | T.            | Ti                |              | 17  |              | * 8      | 3105               | 539      | 977  | )5 <u>0</u> 0 | p-2   | 1100             | <u>-</u>          |                                   |   |   |         |  |

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| Client TN                                   | U ii      |                  | 72 / T.       |                  |          | 13 j        | Refrige            | rator #         |       |   |   |                                    | 4             |          |  | ]                                       |               |                |                     |             |                   |  |   |                 |          |
|---|-----------|------------------|---------------|------------------|----------|-------------|--------------------|-----------------|-------|---|---|------------------------------------|---------------|----------|--|---|---------------|----------------|---------------------|-------------|-------------------|--|---|-----------------|----------|
| Est. Final Pro                              | . Samp    | ling Date        | 37.18         | . Justing 40     |          |             | #/Type             | Contain         | er    | Liquid  |   |                                    |               | 1.3      |  |   |               | 11             | 1                   | 2.3         | 1.00              |  | 7                                       | i, jas          | 40-2     |
| Project #                                   |           |                  |               |                  | <u> </u> | <u> </u>    |                    |                 |       | Solid<br>Liquid   | 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                                    | ]&            | 435 S    | 1  | 3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - | m) i)<br>     | 1. s.j.        | 185<br>185          | 100 A       | 1 (1 V)           | 13 27 13<br>11 19 1                      |   | A Section       | \$400 AS |
| Project Conta                               | ct/Phor   | 10 # 🎎 🗀         | <u> </u>      |                  | <u> </u> |             | Volume             | •               | ŧ     | Solid   | <u> </u>                                | 1.1                                | 120           |          | <del>                                     </del> | 1                                       | 77            | 13.35<br>33.55 | 104£                | 987 S       | 1000 M            | May V                                    | T.                                      |                 | 73.3     |
| Project #<br>Project Conta<br>RECRA Project | t Mana    | iger 👑           | " i           |                  | <u> </u> | <u> </u>    | Preserv            | atives          |       | à ·   |   |                                    | CDR           |          | green.   | 1.                                      |               |                | 172                 |             | 38                | 5.25                                     |   |                 |          |
| QC  | ı Del     | 12 A.            | TAT 📖         |                  |          |             | ANALY              | cro             |       |   |   | ORG                                | ANIC          | ,        |  |   | ولملاوعي      | _              | ORG                 | . (3)       | 14                | (1)                                      | 沙波                                      | 16 PM           | 9%       |
| Date Rec'd<br>Account #                     |           | D                | ate Due _     |                  |          |             |                    | REQUESTED       |       |   |   | VOA<br>BNA<br>Pest/<br>PCB<br>Herb |               |          |  |   |               |                |                     | CN CN       |                   |  |   |                 |          |
| MATRIX                                      |           |                  |               |                  |          | trix        |                    |                 |       |   |   | ,                                  |               | <u> </u> |  | REC                                     | CRA L         | abNet          | Use (               | Only        |                   | Ţ  |   |                 |          |
| CODES:<br>S - Soll<br>SE - Sediment         | Lab<br>ID | Cile             | nt ID/Descrij | otion            | Cho      | osen<br>/)  | Matrix             | Date<br>Collect |       | Time<br>ollected  |   |                                    | 780g          |          |  |   | ;             |                |                     |             |                   |  |   |                 |          |
| SO - Solid<br>SL - Sludge                   |           |                  |               |                  | MS       | MSD         |                    |                 |       |   |   |                                    | δ°.           |          | <u></u>  |   | ĺ             |                |                     |             | 1                 |  |   | ,               |          |
| W Water                                     | 011       | BOVS             | 3B3           |                  |          |             | 50                 | 4/15/           | 99 ]. | 344   |   |                                    | ✓             |          | ·  |   |               | - M            | 1                   | 34          |                   | 5 ·                                      | 1.5                                     | . 47.38         | 1.44 S   |
| A Alr Alr OS                                | 1/2       | 1 5              | 3B2           |                  |          |             |                    |                 | 14    | 409   |   |                                    |               |          |  |   |               |                |                     | Ą           |                   |  |   |                 | <b>建</b> |
| Solids<br>DL - Drum                         | 13        |                  | 8B1           | 3                |          |             |                    | +               |       | 400   |   | ,2                                 | <u>.   · </u> |          |  |   |               |                | 1                   | 130         | Ž.                | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 |   | f(s)            | 7/16     |
| Liquids                                     | 14        |                  | 8 FO          |                  |          | 1.          | = =                | 5/3/            | 91 1  | 440   |   |                                    |               | ()       | ک  | 00                                      | nd            | ac             | an                  | - A/        | 12)               |  | NW.                                     | γ <sub>νν</sub> | 100      |
| Leachate<br>Wil-Wipe                        | 15        |                  | F60           |                  |          |             |                    | 5/19/           | 19    | 400   |   |                                    |               | (1       | 2  | 00                                      | me            |                | es                  | 1 0         | درو               |  |   |                 |          |
| X Other                                     | 16        |                  | F58           | 4.79             |          |             |                    | 1               |       | 33 <i>0</i>   |   |                                    |               | CI       | 5  | 00                                      | ml            |                | as                  | 1           | ar<br>ar          |  | 12.35 h                                 |                 |          |
|   | 17        | 38.              | 901           |                  |          |             | 1:.                | 4201            | 19 12 | 222   |   |                                    |               |          |  | ,                                       | .,            | 0.             | 8.47                | 1.5         | ν.                |  |   |                 |          |
|   | 18        |                  | 8B4-          | 10 4 1           | ļ        |             | - 3                | 4 15            |       | 404   |   |                                    |               |          |  |   | , ,           |                | 3                   | ,           |                   |  | 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | . 8             | 20 E     |
|   | 19        |                  | 8B6           |                  |          |             |                    | 41216           |       | 056   |   | ,                                  | _             | <i>*</i> | · · ·  |   | <u> </u>      |                |                     |             |                   | 1470<br>1120                             | 1200 A                                  |                 | 12.00 m  |
|   | -20       | استانی<br>مستنسس | 8B6           | . <sup>4</sup> . | <u> </u> | لـــا       | سك                 |                 |       | 04  |   | <u> </u>                           |               | [ '      |  | <u> </u>                                | <u> </u>      | <u> </u>       |                     | 1, 1,       | l                 |  |   | - AP 4          | 200      |
| FIELD PERSON                                |           | MPLETE ON        | LY SHADED     | AREAS            |          | J o         | ATE/REV            |                 |       |   |   |                                    |               |          |  |   |               |                |                     | RECR        | A Lab             | Net U                                    | se Oni                                  | ly              |          |
| Special Instruct                            | tions:    |                  |               |                  |          | -           |                    | 1               |       |   |   |                                    |               |          | <del>,</del>                                     |   |               | -              |                     |             |                   | 500                                      | Tape wa                                 |                 |          |
|   |           |                  |               |                  |          | _           | <del></del>        | 2               |       | <del></del>   |   |                                    |               |          |  |   | <del></del> , |                | mples v<br>Shipped  |             | or                |  | sent on                                 |                 |          |
|   |           |                  |               |                  |          | <u></u>     | ·                  | 3               |       |   |   |                                    |               |          |  |   |               |                | nd Delh<br>bill #   |             | _                 |  | ge Y                                    |                 |          |
|   |           |                  |               |                  |          |             |                    | 4               |       |   |   |                                    |               |          |  |   |               |                | Amblen              |             | illed             |  | oroken o<br>ge Y                        |                 |          |
|   |           |                  |               |                  |          |             |                    | _               |       |   |   |                                    |               |          |  |   |               | 3) [           | Receive             | d in G      | ood               | SUP/e                                    | sent on                                 | Sampl           | le       |
|   |           |                  |               |                  |          |             |                    | 5               |       |   |   |                                    |               |          |  |   |               |                | ndition<br>Labels I |             |                   | )  | Υ (                                     |                 |          |
|   |           |                  |               |                  |          |             |                    | 6               |       |   |   |                                    |               |          |  |   |               |                | perly P             | reserve     | <i>b</i> <b>d</b> | 4) Unb<br>Sampi                          | oroken d<br>e Y                         | or N            | ł        |
| Relinquished by                             | Re        | ceived<br>by     | Date          | Time             | Relin    | quish<br>by | hed Received<br>by |                 | D     | Date Time Discrepancies Between Samples Lables and 5) Received Within |   |                                    |               |          | COC Record Present Upon Sample Rec't             |   |               |                |                     |             |                   |  |   |                 |          |
| Dedue                                       | X         | oder             | 5/27/99       | 0930             |          |             |                    |                 |       |   |   |                                    | _             | NOT      | Record   | d?Y o                                   | r N           | Hol            | ding <b>t</b> ii    | nes<br>Y or | N                 |  | Y                                       | or N            | ĺ        |
|   |           |                  | } . <u>.</u>  | <u> </u>         |          |             |                    |                 |       |   |   |                                    |               | <u> </u> |  |   |               |                |                     |             |                   |  |   |                 | i        |

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| ClientZA                      | w            | Section .  |  | 是一类 <b>发</b>                                     | esta :<br>Ligipa |             | Refrige | rator #    | ,          |                 |          |               | 4               |        |                  |                               |                    |                                    |                               |   |                        |   |                                      |   |                  |
|-------------------------------|--------------|------------|--|--|------------------|-------------|---------|------------|------------|-----------------|----------|---------------|-----------------|--------|------------------|-------------------------------|--------------------|------------------------------------|-------------------------------|---|------------------------|---|--------------------------------------|---|------------------|
| Est. Final Pro                | i. Samt      | olina Date | \$ 30 y 1 5                                      | · 人。[80]   | 1.0%             |             | #/Type  | Conta      | lner       | Liquid          |          | 18.13         |                 | (6,15) | ,                | 3.00                          | 1.3                | 162                                | 1,1                           | 1-8.  | \$ 1                   |   | 40.00                                | Se.1650   | Newsy.           |
| Project #                     |              |            |  |  |                  |             | ,,,,,   |            |            | Solid           |          | 3.52          | lo <sub>k</sub> | 45     | تبننا            |                               | 187 C.             | ,,,                                | 1.10.45                       | 10.6  | 353                    |   | 等性後                                  | (A)   | 16.00            |
| Project Conta                 | ct/Pho       | 10 12 1    |  |  | (3 t) "          |             | Volume  | •          |            | Liquid<br>Solid |          | ) j.          | 0               | 1 1    |                  |                               | ***                |                                    | 26                            | -   |                        |   | 1 1                                  | 6. 16%;<br>(0.1853)   | \$40 \text{364}  |
| Project Conta                 | et Mans      | gar.       |  | 1 2 2 3 3 3 3 3                                  | 7                | 10000       | Presen  | etivos     |            | Solio           |          |               | 125<br>CO2      |        |                  | 7 .                           |                    |                                    | 3 (4.5)<br>3 (4.5)            |   | 10 (34)<br>11 No. 21   |   | are di<br>Cerriori                   | 20 (2) A.<br>13 (2) (3)   | 2.00             |
| RECRA Project                 | De           |            | TAT  | ्रवृत्त प्रद्रुक                                 |                  | प हुन       | 710361  | unves      |            |                 | <u> </u> | ORG           | ANIC            |        | 7 7.             | 1 13                          | 39                 | INC                                | RG                            | 1 195   | 2.83.                  | (4.0)<br>(6.1)                          | \$ 59                                | Program.  | 7 (A) (A)        |
| Date Rec'd                    | 1            | n          | ate Due  |  |                  |             | ANALY   |            |            | <b>-&gt;</b>    | ₹        | ₹             | ₹ 00            | Æ      | 7. 124.<br>74    |                               |                    |                                    |                               |   |                        |   | 333                                  |   |                  |
| Account #                     |              |            | ate Duo _  |  |                  |             | NEGUE   | 3160       |            | ·               | ΛΟV      | BNA           | Pest/<br>PCB    | Herb   | ,                |                               |                    | Metai                              | S                             | 3   |                        |   | , A                                  | -34   | 3                |
| MATRIX                        |              |            |  |  | Ma               | trix        |         |            |            |                 |          |               |                 | 1      |                  | REC                           | RA L               | abNet                              | Use (                         | Only  | <u> </u>               | 1                                       | <u> </u>                             |   |                  |
| CODES:                        | Lab          |            |  | 41   | 0                | C<br>sen    |         | Da         | te         | Time            |          |               | +               |        |                  |                               |                    |                                    |                               |   |                        |   |                                      |   |                  |
| S - Soll<br>SE - Sediment     | ID           | Clies      | nt ID/Descrip                                    | otion  |                  | /)          | Matrix  |            |            | Collected       | ŀ        |               | \$ 50°          |        | ŀ                | l i                           |                    |                                    | \                             | }   | \ '                    | { !                                     | 1 1                                  | . \   |                  |
| SO Solid                      |              |            |  |  | MS               | MSD         |         | 1          |            |                 |          |               | યુષ્            | 1      |                  |                               |                    |                                    |                               | İ   | 1                      |   |                                      |   |                  |
| SL Sludge<br>W Water<br>O Oil | 021          | BOV8       | B7   | ye mengering a                                   |                  |             | S0 :    | 4 21       | 199        | 1121            | 14.      |               | 1               |        | 31 /2.<br>17 /2  | , ;<br>4                      | ν.<br>Υ            |                                    | . A A.                        | 1/1 /<br>2/1  | 3                      | * * /                                   | 1. X                                 |   |                  |
| A Air Air                     | 122          | 1 8        | B8   |  |                  |             |         | 4115       | sha        | 1341            |          | ₹,            |                 |        | X                |                               | G. C               | · *                                | 200                           | 7.3   |                        | 115.50                                  | . 1 v s                              | 201   | $i^{ij} \hat{b}$ |
| DS Drum<br>Solids<br>DL Drum  | 23           |            | co :   |  |                  |             |         | 4/20       |            |                 | -        |               | 12 72<br>13     |        |                  | i<br>Gara                     | 4 %                |                                    |                               | . 30  | 63.                    | 2 4 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 1/2                                  | 19879.4<br>198(30)  |                  |
| Liquids                       | 24           | 8          | CI.  |  |                  |             | 7<br>4  |            | ₹ ;:       | 0933            |          |               |                 | , V    | . 671            | indjen.<br>Nebol              |                    |                                    | <i>3.</i> i.                  |   | 29                     |   |                                      | 1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000<br>1,000 | (1) 数<br>第       |
| Leachate                      | 25           | 8          | tca :  |  | i                |             |         |            | Γ,<br>λ    | 0934            | ٠,       |               |                 | 100    | 9 TT<br>1:350    | 1                             | f                  |                                    |                               |   | 7                      | 3,50                                    |                                      | 7.0   | 18               |
| Willia Wipe                   | 26           | 8          | C3   | , , , , ,  |                  |             |         |            | \$ 15<br>1 | 0918            |          | (1) I         |                 |        |                  | #?                            | 1. 1. 1.<br>7      |                                    | original.                     | - 40°   | \$2.95 W               |   | 1.0                                  | 33Kg  | 海菜               |
| F. Fish                       | 27           | 8          | °C4  |  |                  |             |         |            | \$ .       | 0930            |          | .,            | ž i             |        |                  | svár í                        | 18.7               |                                    | 11,                           | , v   |                        |   |                                      | 1537  |                  |
|                               | 28           | ! 8        | 3C5  | 7  |                  |             |         |            |            | 0939            |          |               |                 |        |                  |                               |                    |                                    |                               | 4   |                        |   | 養養                                   | 100   |                  |
|                               | 29           | 8          | C6   |  |                  |             |         |            |            | 0923            |          |               |                 |        |                  | ,                             | 2 <sup>(</sup> 3 c | * , * , ,                          |                               |   |                        |   |                                      |   |                  |
|                               | 130          | , T 8      | C7   |  |                  | •           | 4       | 1          |            | 0428            |          |               | سلد             | 33.    |                  |                               |                    |                                    | 1 44                          | mariti.   |                        |   |                                      |   | 30.74            |
| FIELD PERSON                  | NEL: CO      | MPLETE ON  | LY SHADED  | AREAS  |                  | Q [         | ATE/REV | ISIONS     | S:         |                 |          |               |                 |        |                  |                               |                    | $\Gamma$                           |                               | RECR  | A Lab                  | Net U                                   | se Onl                               | v   |                  |
| Special Instruc               | tions:       |            |  |  |                  | -           |         | 1          |            |                 |          | <del></del> . |                 |        |                  |                               |                    |                                    |                               |   |                        |   | <del>,</del>                         | <u> </u>  |                  |
|                               |              |            |  |  |                  | _           |         | 2          |            |                 |          |               |                 |        |                  |                               |                    |                                    | nples v<br>Shipped            |   | or                     |   | Tape wa<br>sent on                   |   | - 1              |
|                               |              |            |  |  |                  |             |         | Q          |            |                 |          |               |                 |        |                  |                               |                    | Har                                | nd Delh                       | vered _   |                        |   | ge Y                                 |   | 1                |
|                               |              |            |  |  | •                | -           |         | Ų. <u></u> |            |                 |          |               |                 |        |                  |                               |                    |                                    |                               |   |                        | 2) Upb                                  | roken d                              | on Oute   | r                |
| <b>!</b>                      |              |            |  |  |                  | -           |         | 4          |            |                 |          |               |                 |        |                  | <del></del>                   |                    | - (                                |                               |   |                        | Pagkag                                  | 30 JY                                | Or N<br>Compt   | . 1              |
|                               |              |            |  |  |                  | -           |         | 5          |            |                 |          |               |                 |        |                  |                               |                    |                                    | ndition                       |   |                        | ďζ                                      | Y                                    | or N  | "                |
|                               |              |            |  |  |                  | _           |         | 6          | _          |                 |          |               |                 |        |                  |                               |                    |                                    | abels I                       |   |                        |   | roken d                              |   | Į                |
| Dollar wishes                 |              |            |  | <del>                                     </del> | Dalla            | muleh       | od I    |            | aivad      |                 |          | Ι             | ·               |        |                  |                               |                    | _ Pro                              | perly P                       | reserve<br>Y Gr   | L, V                   |   |                                      |   | į                |
| Helinquished<br>by            | H            | by         | Date   | Time   | neiili           | by          |         |            | oy         | ·               | ate      | Tir           | ne<br>—         | Samp   | oles La          | bles an                       | d                  |                                    | Receive                       | d Withi   |                        |   | Sample                               | Rec't   |                  |
| Dedey                         | 1            | oder       | 5/27/9   | 0930   |                  |             |         |            |            |                 |          |               | ]               | NOT    |                  | ₫?Υo                          | r N                | Hole                               |                               | ਅੌਲੀ<br>Yor   | N                      |   | Y                                    | or N  | Ì                |
|                               | 0            |            |  |  |                  |             |         |            | _          |                 |          |               |                 |        |                  |                               |                    |                                    | •                             |   |                        |   |                                      |   |                  |
| Relinquished<br>by<br>Dedec   | <del> </del> |            | <del>                                     </del> | <del> </del>                                     | Relin            | quish<br>by | ed      |            | eived      | 1 0             | Pate     | Tir           | ne              | Samp   | oles La<br>Recon | es Betw<br>bles and<br>1? Y o | d                  | 2) /<br>3) F<br>Cor<br>4) L<br>Pro | abels I<br>perly P<br>Receive | t or Chi<br>od in Go<br>Y or<br>indicate<br>reserve<br>Y Or<br>d Within | illed<br>ood<br>N<br>N | 3) Pred<br>4) Unib<br>Sample<br>COC F   | ge Y seek on Y proken o e Y Record i | or N Sample or N on or N Present  | 9                |

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| Client 7/1/                     | レジ       | 1           | <b>等</b> 分别 | And the second | etorije, - iz 12.       | işt iyê     | + U874   | Refrige        | rator #   |                 |   |                | 4            |              |  |                    |          |       | T                  |           |   |   |                   |                            |                           |
|---------------------------------|----------|-------------|-------------|----------------|-------------------------|-------------|----------|----------------|-----------|-----------------|---|----------------|--------------|--------------|--|--------------------|----------|-------|--------------------|-----------|---|---|-------------------|----------------------------|---------------------------|
| Est. Final Pro<br>Project #     | . Samr   | olina       | Date _      | <b>泰山大西</b> 镇  | . was 165               | <i>.</i> ≱. |          | #/Type         | Container | Liquid          | 2                                       | 17, 17,        |              | 1.75         |  | 7                  |          |       |                    | 1         | 38.4                                    |   |                   | 2.33s                      |                           |
| Prolect #                       |          | 41          |             |                | \$ 65 mm                |             |          |                |           | Solid           |   | 1.5            | 10           | <u> </u>     | <u> </u>   | 1                  | <u> </u> | - (3) | 3                  | 3,00      | ( * * * * * * * * * * * * * * * * * * * | 6   | 1880)<br>1. 3     | 3.5                        | 5 80 E                    |
| SA '~~ 3 (a)'' *                |          |             | Quers       | 12 miles       | Sec. 33, a 2, 505, 163, |             |          | Volume         | 1         | Liquid<br>Solid | 11.5                                    |                | 125          |              | ļ  |                    |          |       |                    | 2 2 3     | 5 (A) 7<br>7 (B)                        | 132.5<br>152.5                                | 3 13 13           | (2) (2) (4)<br>(4) (4) (5) | SS-000                    |
| RECRA Proje                     | d Man    | OPT         | 物介。         |                |                         | uselte e-   | 3/4      | Preserv        | rativae   | Solid           | 7.15                                    |                | (1)3         | <del> </del> |  |                    | 1 2      |       | 44.5               | 3         | 3                                       | 25.   | : 37 bg           | 3.5                        | 9 1 S                     |
| OC                              | i na     |             | 禁范          | TAT            | - 数款的                   |             | ,' "     | 7,0361         | dives     |                 |   | ORG            | ANIC         |              | <del>                                     </del> |                    | 7.5      | INC   | ORG                | 3.        | 3637                                    | , , , <u>, , , , , , , , , , , , , , , , </u> | 3 -54%            | -2- AN                     | 2 00 K                    |
| Date Rec'd                      |          |             | D           | ate Due _      |                         |             |          | ANALY<br>REQUE | SES       | -               | ¥                                       |                |              | Ð            |  |                    |          |       | T                  | 1         | 124.00                                  | 35  |                   | : 8                        |                           |
| Account #                       |          |             |             |                |                         |             |          | nEGUE          | 3160      |                 | VOA                                     | BNA            | Pest/<br>PCB | Herb         |  |                    |          | Metal | S                  |           |   |   |                   | 100                        |                           |
| MATRIX                          |          |             | ٠           |                |                         | Ma          | trix     |                |           |                 |   |                |              | 1            |  | REC                | CRA L    | abNe  | Use (              | Only      | 1                                       | Ţ   |                   |                            | la anni i                 |
| CODES:                          | Lab      | l           | 011-        | 4 1D/D         |                         |             | C<br>sen |                | Date      | Time            |   |                | 1            | Ţ            |  |                    |          |       |                    |           | T                                       |   |                   |                            |                           |
| S - Soil<br>SE - Sediment       | ID       | ł           | Cite        | nt ID/Descrip  | ption                   |             | /)       | Matrix         |           | Collected       |   | Ì              | 6            | ]            |  | 1                  |          |       |                    | ļ         |   |   |                   |                            |                           |
| 80 - Solid                      |          | •           |             |                |                         | MS          | MSD      |                |           |                 |   | Ì              | die          |              | Ì  | }                  | 1        | •     | )                  | Ì         | 1                                       |   |                   |                            |                           |
| BL & Sludge<br>W Water<br>O Oil | 031      | Ba          | 7V8         | C8             | 1.00                    |             |          | SO             | 4/20/99   | 0940            |   |                | V            |              |  |                    | . 4 % 3  |       |                    |           | 1                                       |   | , Ł               |                            |                           |
| A - Air<br>DS - Drum            | 132      |             | 8           | C9             |                         | ,           |          |                |           | 1027            |   |                |              |              |  |                    |          |       |                    | 2         |   |   | <b>3</b>          |                            |                           |
| Solids<br>DL - Drum             | 33       |             | 8           | D3             | š                       | ∑⊋          |          |                |           | 1139            |   |                |              |              |  |                    |          |       | .1                 | 37        |   |   | 24                |                            | $-\frac{3}{2}\frac{1}{3}$ |
| Liquids                         | 34       |             | 8           | 74             |                         |             | ·. ·     |                | 415/19    | 1053            | :                                       | 1              |              |              |  |                    |          |       | 3 (A)<br>4 (A)     | 3         | 13.1                                    |   |                   | 14 / 2<br>14 (1)           | Ź                         |
| L= EP/TCLP<br>Leachate          | 35       |             | 8           | 75             |                         |             |          |                |           | 1058            |   | 1.5            |              |              |  | •                  | :        |       | 1                  | . 177<br> | 13.00                                   |   |                   |                            | 47 F                      |
| Wi - Wipe<br>X - Other          | 36       |             | 8           | 76             | 3. 3.49                 |             | :        |                |           | 1109            |   |                |              |              |  |                    | - 27.3   |       |                    | 2.        |   |   |                   |                            |                           |
| <b>E-</b> Fish                  | 37       | . 375       | 8           | 77             |                         |             |          |                |           | 1130            |   |                |              | • /          |  |                    |          |       | 7.3                |           | 3                                       |   |                   |                            | ***                       |
|                                 | 38       |             | 8           | 78             |                         |             | 7.7      |                |           | 1102            |   |                | i.           | :            |  | 3,                 |          |       |                    | / B       | 無行<br>行為                                | 1 1   |                   |                            |                           |
|                                 | 39       |             | 8           | 79             |                         |             |          |                |           | 11/6            |   | 2 ***.<br>1 ** |              |              |  |                    |          | ÿ;    | "                  |           | 1                                       | <b>3</b> /-                                   |                   |                            | <b>经</b> 集                |
|                                 | 140      | 4           | - 8         | 80             |                         |             | -        |                |           | 1106            |   |                | مل           |              |  |                    |          |       | 1.2                |           | 1                                       | 1 2 K S                                       | ,                 |                            | 源書                        |
| FIELD PERSON                    | INEL: CO | OMPL        | ETE ON      | LY SHADED      | AREAS                   |             | ] 0      | ATE/REV        |           | •               |   |                |              |              |  |                    |          |       |                    | RECF      | A Lat                                   | Net U   | se On             | ly                         |                           |
| Special Instruc                 | tions:   |             |             |                |                         |             | _        | <del></del>    | 1         |                 | _                                       |                |              |              |  |                    |          |       |                    |           |   |   |                   |                            |                           |
|                                 |          |             |             |                |                         |             | _        |                | 2         |                 |   | <u>.</u>       |              | _            |  |                    |          |       | mples v<br>Shipped |           | or                                      |   | rape w<br>sent or |                            | - 1                       |
|                                 |          |             |             |                |                         |             |          |                | 3         |                 |   |                |              |              | _  |                    |          | Ha    | nd Delh            | vered .   | _                                       | Packa   | ge Y              | or N                       | ł                         |
| ı                               |          |             |             |                |                         |             | _        |                |           |                 | -                                       |                |              |              |  |                    |          | ı     | bill #<br>Ambien   |           |   |   | proken<br>ga Y    | on Oute                    | er e                      |
|                                 |          |             |             |                |                         |             | -        |                | 4         |                 | • |                |              |              |  |                    |          | -ı ´  | Receive            |           |   |   |                   | Sampl                      | <sub>le</sub>             |
|                                 |          |             |             |                |                         |             | _        |                | 5         |                 |   |                |              |              | ·  |                    |          |       | ndition            |           |   | -/4   | ٧                 | or N                       | · [                       |
|                                 |          |             |             |                |                         |             | _        |                | 6         |                 |   |                |              |              |  |                    |          |       | Labels I           |           |   | (4) Vile                                      | roken             | on                         | ł                         |
| Dallagulahad                    | 1 6      |             |             | τ              |                         | Rolin       | quish    |                | Received  | 1               |   | T              |              |              |  |                    |          | _     | perly P            | Y or      | . 10                                    |   | e Y               |                            | .                         |
| Relinquished<br>by              |          | eceiv<br>by | eu .        | Date           | Time                    | . 16111     | by       |                | by        |                 | ate                                     | Ti             | me           | Sam          | ples La  | es Betv<br>bies an | ıd       | 5) (  | Receive            | Y or      |   | Upon :  | Sample            |                            | ` }                       |
| Decley                          | VI       | od          | vr          | 512749         | 0930                    |             |          |                |           |                 |   |                |              | COC          |  | d?Y o              | r N      | Hot   | lding Ti           | me or     | N                                       |   | Y                 | or N                       | ł                         |
|                                 | 1-20     |             |             |                |                         |             |          |                |           |                 |   |                |              |              |  |                    |          |       |                    |           |   |   |                   |                            |                           |

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| Client IAL  | U .       | A. 化放送作为     | \$ 99 L. Co.     | S. 3.    | S 1/2   | 3               | Refrige        | retor #           |                   | 1  | 1     | 14              | \        |           |                    |              |                             |   |                  |                             |   |  |   |                          |
|---|-----------|--------------|------------------|----------|---|-----------------|----------------|-------------------|-------------------|--|-------|-----------------|----------|-----------|--------------------|--------------|-----------------------------|---|------------------|-----------------------------|---|--|---|--------------------------|
| Est. Final Pro                                    | Samp      | ling Date    | 3 % (\$ 18 18 1) |          | ******  | 3g. 1           | #/Type         | Container         | Liquid            | 1 (),  |       | * *             |          | 1, 2,     | \$ ·               | 13.2         | 3                           |   | 1.00             | 47.71                       | 11.0  |  | MARK T  | - 1 to                   |
| Project #<br>Project Conta<br>RECRA Project<br>QC |           |              |                  | 法學學      |   | ·\$7 .          |                |                   | Solid             | 1  | 1     | 118             | 13.24    | 1         |                    |              | خيآ                         | 1 2 2   |                  |                             |   | 3.85   | - O-0   | 47.26                    |
| Project Conta                                     | ct/Phor   |              | į iež            |          | 1   |                 | Volume         | •                 | Liquid<br>Solid   | <u> </u>   | 1 . 2 | 125             |          | <b></b> - |                    |              |                             |   | 87               | 6.7                         | - 4   | 7  | 1.4   |                          |
| RECRA Prolec                                      | t Mana    | der          |                  |          | ه اهمان و در او r>در او در  53.             | Preserv        | atives            | 3010              | +  | +     | 1100            |          | - 3       | 256                |              |                             | 13.5  | (2.30)<br>(3.40) | 1 2 5 1 1 2                 | - 5.  | 1 ( Ve) (  | in an in Sa                                       | 34-189.<br>1993-88       |
| QC .  | Del       |              | TAT              |          |   |                 |                |                   |                   | <del>                                     </del> |       | ANIC            | <u> </u> |           | 43                 | 100          | <u> </u>                    | ORG   |                  | 1.00°2<br>1.00°2<br>1.00°25 |   | 13   | 167.6   |                          |
| Date Rec'd<br>Account #                           |           |              |                  |          |   |                 | ANALY<br>REQUE |                   |                   | δV   | BNA   | Pest/<br>PCB    | Herb     |           |                    |              | Metal                       | S   |                  |                             |   |  |   |                          |
| MATRIX  |           | <u>-</u>     |                  |          |   | trix            |                |                   |                   |  |       |                 | 1        |           | REC                | CRA L        | abNet                       | Use (   | Only             |                             | 1   |  |   |                          |
| S Soll<br>SE Sediment                             | Lab<br>ID | Clier        | nt ID/Descrip    | tion     | Cho   | C<br>Isen<br>() | Matrix         | Date<br>Collected | Time<br>Collected | 4  |       | 28 2 P          |          |           |                    |              |                             |   |                  |                             |   |  |   |                          |
| SO - Soild<br>SL - Sludge                         |           |              |                  |          | MS  | MSD             |                |                   |                   |  |       | 60              |          | l         |                    |              |                             |   | ĺ                |                             |   |  |   |                          |
| W - Water<br>O - Oil                              | 041       | BOV8         | 381              |          |   |                 | 50             | 4115/94           | 1351              |  |       | V               |          |           |                    | 1 2 2        |                             | 1 64  |                  | ξħ.                         |   | 1.5  |   |                          |
| A 4 Alt Alt                                       | 142       |              | 382              | 1        | 1,  |                 |                | A 5               | 1155              |  |       |                 |          |           |                    |              |                             |   |                  | 1                           |   |  |   |                          |
| D8 • Drum   | 43        | * J 8        | 83               |          |   |                 |                |                   | 1146              |  |       |                 |          |           |                    |              | 57                          | 73  |                  | 73.                         |   |  | $\xi \phi$  | 8.00                     |
| DL • Drum<br>Liquids<br>Live EP/TCLP              | 44        | 3 8          | 384              |          |   |                 |                | 8                 | 1137              |  |       |                 |          |           |                    |              |                             |   |                  | 165                         |   | 4.5  |   |                          |
| Leachate  | 45        | 8            | 385 °            | i wi     | 1   | ,               | 1              | , Y               | 1152              |  |       |                 | ( j      |           | ,                  | 5.8€<br>5.87 |                             |   |                  | rion.                       | 12  | 3.75   | 4 (A)   | $\hat{j}_{i}^{2}\hat{k}$ |
| Wi - Wipe<br>X - Other                            | 46        | 8            | 86               |          | 7   | ,               |                |                   | 1314              |  | - 7,  |                 |          |           |                    |              | . //                        |   |                  | 41 Med                      |   |  | ंदेश  |                          |
| F. Fish   | 47        |              | 87               |          | 3   |                 |                |                   | 1324              |  | ξ.    |                 |          |           |                    |              | 7                           | (*)   | 1 P P .          | 12 .<br>Tr                  |   | . 3  | 1.7   |                          |
|   | 48        | 344. 5       | 388              |          |   |                 |                |                   | 1310              | ; -  | )     |                 |          |           |                    |              |                             |   | . 45 , 1         |                             | <b>.</b>  | . 9  |   | 8 1                      |
|   | 44        |              | 389              | 7 - 3    | ji i  |                 |                |                   | 1306              |  |       | $\cdot$ $\cdot$ |          |           |                    |              | ٠                           | 24  | . 1              | 3,5                         |   | V.   |   | 17.5                     |
| 10年第  | 50        | 4 3          | 890              |          | :   |                 | <u></u>        | ١                 | 1319              |  |       | 4               |          | . , .     |                    |              |                             | 6. A  |                  |                             |   | . Q  |   | (#) β.<br>(-1)           |
| FIELD PERSON                                      | NEL: CO   | MPLETE ON    | LY SHADED        | AREAS    |   | _ D             | ATE/REV        | ISIONS:           |                   |  |       | · <del>-</del>  |          |           |                    |              |                             |   | RECR             | A Lab                       | Net U   | se Ont   | у   |                          |
| Special Instruct                                  | ions:     |              |                  |          |   |                 |                | 1                 |                   | ·  |       |                 |          |           | <del></del>        |              |                             |   |                  |                             |   |  |   |                          |
|   |           |              |                  |          |   | <br><br>        |                | 3<br>4            |                   |  |       |                 |          |           |                    |              | 1) : Hair Air 2) / 3) I Coi | mples w Shipped nd Delid bill # Ambient Receive ndition Labels I operly P | vered            | liled                       | 1) Pres<br>Packa<br>2) Unit<br>Packa<br>4) Unit | Tape was sent on one Y weeken on Y sent on Y worken on | Outer<br>or N<br>on Oute<br>or N<br>Sampl<br>or N | - 1                      |
| Relinquished by                                   | Re        | ceived<br>by | Date             | Time     | Relin   | quish<br>by     | ed             | Receive<br>by     | bd                | Date   | TI    | me              | Sam      | ples La   | es Betv<br>bles an | d            | 5) I                        | Receive   | V ()V            | N,                          | COCF  | e Y<br>Record I<br>Sample  | Presen<br>Rec't                                   | ۱                        |
| Deeley  | ¥         | oder         | 5 a7 99          | 0930     |   |                 |                |                   |                   | <del></del>                                      | _     |                 | NOT      |           | d?Y o              | or N         | Hol                         | ding <b>Ti</b> r  | nes<br>Y or      | N                           |   | Y  | or N  |                          |
|   | 1         |              | 1                | <u> </u> |   |                 |                |                   |                   |  |       |                 |          |           |                    |              |                             |   |                  |                             |   |  |   |                          |

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| Client TUC                          | L         | e graphic transfer of | 1. CH         | 아 봤는데.              |              |              | Refrige | ator#            |                   |          |          | 4            |          |        |         |       |                                     |   |                   |                      |                           |  |   |          |
|-------------------------------------|-----------|-----------------------|---------------|---------------------|--------------|--------------|---------|------------------|-------------------|----------|----------|--------------|----------|--------|---------|-------|-------------------------------------|---|-------------------|----------------------|---------------------------|--|---|----------|
| Est. Final Prol                     | Samo      | ling Date             |               | 11.35               | · (          |              | #/Type  | Container        | Liquid            |          |          |              | 11.5     |        |         | 1.    | <u> </u>                            |   | 335               | 3                    | . 4                       | \$ <u>\$</u> .\$                             |   | 1.00     |
| Project #                           |           |                       | <u> </u>      |                     |              | }            |         |                  | Solid<br>Liquid   | <u> </u> |          | 10%          | 2.30     |        | , j.    | 81    | -                                   |   | 10.80             | eriologi<br>eriologi | (35/3<br>(                | Section 19                                   |   |          |
| Project Contact                     | ct/Phon   | A # 341               | 11 39.5       |                     |              |              | Volume  |                  | Solid             |          | 1 7      | 125          | +        |        |         |       | <del></del>                         |   | 1354              | 5 660<br>7 5 77      |                           | 1 2  |   | 34 A.    |
| <b>RECRA Prolec</b>                 | t Mana    | Cer                   |               |                     |              | [            | Preserv | atives           |                   |          | ,        | (1)a         |          |        |         | 14    |                                     |   | 28                |                      |                           | 2 ( )  |   |          |
| QC                                  | Del       | <u>. 406300</u>       | _TAT          | <i>* 4-11-19-19</i> |              |              |         | 250              |                   |          | ORG      | ANIC         | 7        | 14     |         | -775  |                                     | DRG   | 1 de .            | 繁夏                   | 33                        |  | 1 13 S                                    | 18 MAN   |
| Date Rec'd<br>Account #             |           |                       | Date Due _    |                     |              |              | REQUE   |                  | <b>→</b>          | ΛΟΑ      | BNA      | Pest/<br>PCB | Herb     |        | 3       |       | Metal                               | 8   |                   |                      |                           | ings &                                       |   |          |
| MATRIX                              |           |                       |               |                     |              | trix         |         |                  | 1                 |          |          |              | Ţ        |        | REC     | RA L  | abNet                               | Use (   | Only              |                      | ¥                         |  |   |          |
| CODES:<br>8 - Soli<br>8E - Sediment | Lab<br>ID | Clie                  | nt ID/Descrip | tion                | Cho          |              | Metrix  | Date<br>Collecte | Time<br>Collected |          |          | 69           | -        |        |         |       |                                     |   |                   |                      |                           |  |   |          |
| SO Solid<br>SL Sludge               |           |                       |               |                     | MS           | MSD          |         |                  |                   |          |          | 4/3          |          |        |         |       |                                     |   | <u> </u>          |                      |                           |  |   |          |
|                                     | 051       | BOV8                  | 91            |                     | <u> </u>     |              | SO      | 4/15/99          | 1336              |          |          | V            |          | · .    |         |       |                                     |   |                   |                      |                           |  | A3  |          |
| A - Air<br>DS - Drum                | 152       | 8                     | 92            |                     | 1.1          |              | _(      |                  | 1332              |          |          | 4            | <u> </u> |        |         |       |                                     |   |                   |                      | ,                         |  |   | 1 115    |
| Solids<br>DL Drum                   | 53        | 9                     | 93            | ·                   |              |              |         |                  | 1341              |          |          |              |          |        |         |       |                                     |   |                   |                      |                           | · '/:  | 3.7                                       | * 2<br>* |
| Liquids<br>L EP/TCLP                | 54        | 8                     | 194           |                     |              |              |         |                  | 1127              |          |          |              |          |        |         |       | 3                                   | 1"  |                   | 满"人"                 |                           |  | 1. 1. 1.                                  |          |
| Leachate<br>Wile Wipe               | 55        | 2                     | 395           |                     | 1            |              |         |                  | 1122              |          |          |              |          |        |         | •     |                                     | 1.50  |                   |                      |                           |  | A. S.                                     | 大灣       |
| X - Other<br>F - Fish               | 56        | 1 8                   | 196           |                     | . 10         |              |         |                  | 1141              |          |          |              |          | . ,    |         |       |                                     |   |                   |                      |                           | , 'v   | 1   |          |
| r • risn                            | 57        | 8                     | 397           |                     |              |              | :       | 5/15/99          | 1134              |          |          |              |          |        |         | ,     |                                     |   | v                 | $\hat{x}$            |                           |  | 34.0                                      | 4        |
|                                     | 58        | . 9                   | 198           |                     |              |              |         | 4/15/99          | 1346              |          |          |              |          | · .    |         |       |                                     | 1   | 2                 |                      |                           |  | 8   |          |
|                                     | 54        | 9                     | 99            |                     |              |              |         | 1                | 1350              |          |          |              |          |        | : :     | -,    |                                     |   | ,                 | 4                    |                           |  | 776                                       | F 18     |
|                                     | 160       |                       | 376           |                     | <del>-</del> |              |         | 4/22/9           | 0932              |          |          | سار          | 16       | at     | asi     | · · · | 100                                 | m   | M                 | visi                 |                           | 41   | br  | . 4      |
| FIELD PERSON                        | NEL: CO   |                       |               | AREAS               |              | D/           | ATE/REV |                  | •                 |          |          |              |          | 0      |         | •     |                                     |   | - 4               |                      | Net U                     | te Onl                                       | ······································    |          |
| Special Instruct                    | lons:     |                       |               |                     |              | _            |         | 1                |                   |          |          |              |          |        |         |       | -                                   | <del></del>   |                   | A Las                | 1101 0                    |  | · · · · · · · ·                           |          |
|                                     |           |                       |               |                     |              | _            |         | <b>c.</b>        |                   |          |          |              |          |        |         |       | 1) :<br>Hai<br>Airt<br>2) /<br>3) i | mples w<br>Shipped<br>nd Delin<br>bill #<br>Ambient<br>Receive<br>ndition | vered<br>t or Chi | —<br>lied            | Packa<br>2) Unb<br>Packa  | sent on<br>ge Y<br>roken o<br>ge Y<br>ent on | Outer<br>or N<br>on Oute<br>or N<br>Sampl |          |
|                                     |           |                       |               |                     |              |              |         | 6                |                   |          |          |              |          |        |         |       | 4) L                                | Labels I  | ndicate           | 0'                   | 4) Unb                    |  |   |          |
| Relinquished by                     | Re        | ceived<br>by          | Date          | Time                |              | quishe<br>by | ed _    | Receive          | od c              | ate      | Ti       | me           |          |        | es Betw |       | _                                   | perly P   | n &               | N A                  | Sample<br>COC F<br>Upon S | Y<br>lecord                                  | or N<br>Present                           |          |
| Decley                              | X         | oder                  | 5/27/99       | 0930                |              |              |         |                  |                   |          |          |              |          | Record | 1? Y o  |       |                                     | ding/iir  |                   |                      | F                         | •  | or N                                      |          |
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| Est. Final Proj<br>Project #         | . Samp    | ling Date                                       |                                       |  |        |                 | #/Type         | Container         | Liquid            | 1.  |  |              | <del> </del> |                     |       | ., .,   |             | 3,45                                    |                  | <u> </u>                               | - 43.<br>- 25.     |                    |                |                        |
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| Project Contac<br>RECRA Projec<br>QC | t/Phor    | 10 # 2  |                                       |  |        | 74              | Volume         |                   | Liquid<br>Solid   |     | <del>                                     </del> | 125          | -            |                     | 7     | Sept. | 3/5         | 1 3 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 17分割             | - दु <sup>रूप</sup> का<br>स्ट्रिक्ट क् | 30 (20)<br>30 (20) | 500 FE             | 166 to         | *46.5 (0)<br>524.5 (1) |
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| OC .                                 | Del       |   | TAT                                   |  |        |                 |                | ··········        |                   |     | ORG  | ANIC         |              |                     |       |   | INC         | RG                                      |                  | 17.33                                  | ( A)               | 900                | 1 2 C          | N m                    |
| Date Rec'd<br>Account #              |           | D   | ate Due _                             |  |        |                 | ANALY<br>REQUE |                   | -                 | VOA | A<br>W   | Pest/<br>PCB | Te T         |                     |       |   | Metal       | N<br>O                                  |                  |  |                    |                    |                |                        |
| MATRIX                               |           |   |                                       |  | Ma     | trix            |                | <u> </u>          |                   |     |  |              | 1            | <del></del>         | RE    | RA L  | abNet       | Use                                     | Only             | 1/2-33.2                               | 1                  |                    | 35 - 115       | 14                     |
| CODES:<br>S Soll<br>SE Sediment      | Lab<br>ID | Ciler   | nt ID/Descrip                         | otion                                    | Cho    | C<br>Osen<br>() | Matrix         | Date<br>Collected | Time<br>Collected |     |  | t say        |              |                     |       |   |             |   |                  |  |                    |                    |                |                        |
| SO - Solid                           |           |   |                                       |  | MS     | MSD             |                |                   |                   | _   |  | 92           |              |                     | w     |   |             | <u> </u>                                |                  |  |                    |                    |                |                        |
| SL Sludge<br>W Water<br>O Dii        | 061       | BOV8  | D8                                    |  |        |                 | 50             | 5/19/99           | 1300-             |     |  | $\forall$    |              | 83                  | 7     | ; · · · <b>;</b> ·  | 70          |   | 7.7              | 1.                                     | 25                 | (A)                |                | 独感                     |
| A Alr<br>DS Drum                     |           | (大学)第四日   | <u> </u>                              | 104 - 1<br>247 - 141                     |        |                 |                |                   |                   |     |  |              |              |                     |       | 1.4   | 27.5        |   |                  | Si                                     | <b>4</b> .         | 18 to              | l N            |                        |
| Solids<br>DL Drum                    |           | (例 <b>以证明</b> ) (2                              | \$<br>?                               |  |        |                 |                |                   |                   | 1   | 4  | *            | 7.           | - ;                 |       | 12.<br>2.   |             |   |                  |  |                    | 1700<br>Anton      |                | 10 mm                  |
| Liquids                              | _         |   |                                       | 6  | 3      | 1               |                | 5.0               |                   |     |  |              |              |                     |       | iv á  |             | λ.                                      | 1 7 J            | 44 Ju<br>35 Ju                         | . : 37<br>14       | - 200              |                | 15 7                   |
| E EP/TCLP -                          |           |   |                                       |  |        |                 |                |                   | 3 to \$6.         |     |  | 7            | 1            |                     | . 4   | $\mathcal{A}_{i,j}$   |             |   | 3,5              | 7.44                                   |                    |                    |                | 95 <b>.</b>            |
| Wi - Wipe<br>X - Other               |           |   | · · · · · · · · · · · · · · · · · · · | 1  |        |                 |                |                   |                   | ,   |  |              |              | 1,71                |       |   |             |   | 1.00             |  | 4                  |                    | 1              |                        |
| F - Fish                             |           |   | ili.                                  |  | 11     |                 |                |                   |                   |     |  |              |              | ·                   |       | 13.77<br>84.73  |             |   | `                | * S                                    |                    |                    |                |                        |
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|                                      |           |   |                                       | :  |        |                 | ı              |                   |                   |     |  |              |              |                     |       |   |             | : 1                                     | 9                |  |                    |                    | `\<br>         |                        |
| FIELD PERSON                         | NEL: CC   | OMPLETE ON                                      | LY SHADED                             | AREAS                                    |        | _ D             | ATE/REV        |                   |                   |     |  | <u> </u>     |              |                     |       |   |             |   | RECR             | A Lab                                  | Net U              | se Onl             | у              |                        |
| Special Instruct                     | ions:     |   |                                       |  |        | -               |                | 1                 |                   |     |  |              |              |                     |       |   |             |   |                  |  |                    | ape wa             |                |                        |
|                                      |           |   |                                       |  |        | -               |                | 2                 |                   |     |  |              |              |                     |       |   | 1) 8        |   | ı t              |  | 1) Pres            | sent on            | Outer          |                        |
|                                      |           |   |                                       | •  |        | _               |                | 3                 |                   |     |  |              |              |                     |       |   | Har<br>Airt | nd Delh<br>oill#_                       | vered _          | _                                      |                    | ge Y<br>Yokenio    |                |                        |
|                                      |           |   |                                       |  |        | _               |                | 4                 |                   | _   |  |              |              |                     |       |   |             |   | t or Chi         |  | Pack               | jk Y)              | or N           |                        |
|                                      |           |   |                                       | •  |        | _               |                | 5                 |                   |     |  |              |              |                     |       |   |             |   | ed in Go<br>Y or |  | AUP.               | ent on             | Sample<br>or N | •                      |
|                                      |           |   |                                       |  |        |                 |                | 6                 |                   |     |  |              |              |                     |       |   | 4) L        | abels I                                 | Indicate         | ۱ ۱                                    |                    | roken d            |                |                        |
| Relinquished                         |           | nantuari I                                      |                                       |  | Palie  | dulsh           |                | Received          | , "               |     | Γ-   |              |              |                     |       |   | Pro         | perly P                                 | reserv           | <b>%</b>                               | Sample             | 9 Y                | or N           |                        |
| kelinquisnea<br>by                   | He        | eceived<br>by                                   | Date                                  | Time                                     | LAHI   | by              | ••             | by                |                   | ate | Ti   | me           |              | epancie<br>ples Lai |       |   |             |   | With             | -                                      | COC F              | tecord l<br>Sample |                |                        |
| Dedug                                | V         | oder  | 5/27/19                               | 0430                                     |        |                 |                |                   |                   |     |  | ŀ            | COC          | Record              | d?Y d | r N   | Hole        | ding Ti                                 | mes<br>Y or      | N                                      |                    | Y                  | or N           |                        |
|                                      | Ŏ'        | -   | - 7.7,7.1                             | 100                                      |        |                 |                |                   |                   |     |  |              |              |                     |       |   |             |   | . 01             | .,                                     |                    |                    |                |                        |
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| 를           | City, State         | Zip                           | <u>^ [127</u>     | 1 1222                              | OFFSITE C  | NLY:             | <del></del>                         |  | COLLE                                 | <del></del>                            | <del>****</del>                         |
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| 2.4         | Number of           | Type                          |                   | Package :                           | Quantity   | Gross Wt         | 3                                   | CONTENT  | <del></del>                           |  |   |
|             | Containers          |                               | DOT Spec          | Dimensions                          | Pkg  | Each Pkg         |                                     | R 172.101(c) Hazi  |                                       |  |   |
|             |                     | Poly<br>Cooler                | Tiel+             | 10 cm X<br>45 cm X                  | 11. 500m   | 1                |                                     |  | 41011                                 | de, solid                              |   |
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|             | /                   |                               | V (VI)(-)         | 40 cm                               | 12.2 Lite.<br>Hotal .  | <b>S</b>         |                                     | UN 1845  | -                                     | <i>TL</i> -                            |   |
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| DESCRIPTION | SAF                 | Nmk                           | W. B9             | 9-056                               |  |                  | List Secondar                       | ry Hazards: 47   | d D                                   | 115,2°                                 |   |
|             | <u> </u>            |                               |                   |                                     |  | [                | List Labels R                       | eq'd/Applied Gr  | ac V                                  | 777                                    | ·<br>—-                                 |
| EN          | مر و سرا            | DI.ENIC                       | 400               | 500 KG                              |  | <b> </b><br>     | Proper Ship N                       | lame: GDOd   | S Re                                  | gula trans                             | <i>i</i> .                              |
| SHIPMEN     | EWIE                | GENIE                         | 1 46              | PONSF                               | -7,  | ļ <u></u>        | Hazard Class:                       | Packin   | 9.11                                  | struction                              | را                                      |
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|             | ERG                 | Numi                          | per 1             | 20                                  | ļ  | !                | List Secondar                       | y Hazards: Vari  | ia h Jy                               | 029-15                                 | •                                       |
|             | Total No.           | <u> </u>                      | Gross Wt of       | <u> </u>                            | Identify Pla   | cards Requir     | List Labels Re                      |  | Control or I                          | Return Order No.:                      |   |
|             |                     | ,                             | 25                | 1/2                                 | 1  | Jones            |                                     | (if applicable)  |                                       |  |   |
|             | /                   |                               | رو                | Fg                                  | 2.   | 4.               |                                     |  |                                       |  |   |
|             | Material            | in manufactu                  | irers Original o  | ontainer:                           | Yes 🛣  |                  | ribe Internal Pac                   | ckaging:   | 1.5 (8                                | Maising                                |   |
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| ထ           | NTRACTO             | s pack                        | iged, marked      |                                     | nd are in prop   | er condition     | erly classified, or for transport a |  | tions pr                              | pment is within the lescribed for:     |   |
| CE          | RTIFICATIO          | ON ON                         | e applicable i    | agurations or ti                    | ne Departmen   | t or Transpo     | ortation:                           |  | Passe<br>Airc                         | enger Cargo L<br>raft Aircraft         | ANL                                     |
|             |                     | Auth                          | orizing Signat    | ure: /40                            | i gyu  |                  | Print Name                          | . <u>M.A. s</u>  | Arus                                  | Date: 5-26                             | 2.9°                                    |
|             |                     |                               | FOR               | OFFSITE SH                          | IIPMENTS   | - ADDIT          | ONAL APPE                           | ROVAL REQUIR   | ED                                    |  |   |
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| <u> </u>   |                          |                                       | CHAIN OF CUST               | rody/s   | AMPLI            | E ANAL      | YSIS               | REQUES                     | T             | B              | 99-056-76 | Page 1 c                                      | of 1         |
|--|--------------------------|---------------------------------------|-----------------------------|--|------------------|-------------|--------------------|----------------------------|---------------|----------------|-----------|---|--------------|
| Collector<br>J. Linville   |                          | 25                                    | mpany Contact<br>HEVE WEISS | Telephor   | 5729E            | 31          |                    | Project Coord<br>TRENT, SJ | linator       | Price Code     | 9N        | Data Tura                                     |              |
| Project Designation Biological Sampling for DD                     | [/DDE on the North SI    | lope - Ot                             | mpting Location U(V) Area   |  | H06              | LE .        |                    | SAF No.<br>B99-056         |               |                |           | 45 L  | Days 🖰       |
| Jee Chest No.<br>ERC 96-   | 063                      |                                       | ild Logbook No.             |  |                  |             |                    | Method of Sh               | ipment<br>F.C | LW             |           |   |              |
| Shipped For<br>TMA/RECRA   |                          | Of                                    | fsite Property No.          |  |                  |             |                    | Bill of Lading             | /Air Bill N   | io.            |           |   |              |
|  |                          |                                       |                             |  |                  |             |                    | COA                        | MB            | Alza           | 1940      |   |              |
| POSSIBLE SAMPLE HAZA   | RDS/REMARKS              |                                       | Preservation                | Frozen   |                  |             |                    |                            |               |                |           |   |              |
|  |                          |                                       | Type of Container           | aG   |                  |             |                    |                            |               |                |           |   |              |
| Special Handling and/or Stor                                       | rage                     |                                       | No. of Container(s)  Volume | 1<br>120g  | - <del>-</del> " |             |                    |                            |               | K3             |           |   | -            |
|  | SAMPLE ANA               | LYSIS                                 |                             | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |                  |             |                    |                            | :             |                |           |   |              |
| Sample No.   | Matrix *                 | Sample Da                             | ate Sample Time             | <b>STATE</b>   |                  |             |                    |                            |               | A STATE        | THE PER   |   | . ,          |
| B0V9C2   | Other Solid              | 4/20/9                                | 1220                        | X  |                  |             |                    |                            |               |                |           | ·   |              |
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|  |                          |                                       |                             |  |                  |             | <del> </del>       |                            |               |                |           |   | · -          |
| CHAIN OF POSSESSION  | ;                        | → Sign/l                              | Print Names                 |  | SPEC             | IAL INSTR   | NUCTION<br>Section | NS<br>Talana               | hen           | 4              | - 1770    | Matrix *                                      |              |
| Retinquished By  Retinquished By  Retinquished By  Retinquished By | Date/Time<br>5/25/PS ISY | s Will                                | Niels Rwielson ?            | ate/Time VS  | 5 5              | mus<br>om d | ote<br>Ste         | ed in to                   | levi          | zer au<br>ON W | til       | Water<br>Vapor<br>Other Solid<br>Other Liquid | •            |
| Relibouished By  | Date/Time                | Received By                           | 1 Kg Cy                     | ate/Time   | _ 9⁄             | lipme       | nt                 | to l                       | ib.           | 5/26/196       | المهم ا   |   |              |
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| LABORATORY Received By SECTION                                     |                          |                                       |                             | Tit  | <u> </u>         |             |                    | <u>,</u>                   |               |                | D         | ite/Time                                      | <del>,</del> |
| FINAL SAMPLE Disposel M<br>DISPOSITION                             | fethod                   | <del></del>                           |                             |  |                  | Dispo       | sed By             |                            |               |                | , Da      | ite/Time                                      |              |
|  |                          | · · · · · · · · · · · · · · · · · · · |                             |  | <del> </del>     |             |                    | <del></del>                | <del></del> - |                |           |   |              |

|  |                           | C           | HAIN OF CUST                | rody/s  | AMPLI              | EANAL        | YSIS             | REQUE                    | EST          | ] B9                                   | 9-056-65     | Page 1  | of 1        |
|--|---------------------------|-------------|-----------------------------|---|--------------------|--------------|------------------|--------------------------|--------------|--|--------------|---|-------------|
| Collector J. Linville  | nville                    | Com         | pany Contact<br>Ne WUS      | Telepho   | ne No.<br>2- 063 1 | <del></del>  | <del></del>      | Project Coo<br>TRENT, SJ | ordinator    | Price Code                             | 9N           | Data Tur                                      | _           |
| Project Designation Biological Sampling for DD               | I/DDE on the North Si     | Samp        | oling Location              |   | H-06               |              |                  | SAF No.<br>B99-056       |              |  |              | 45 ]  | Days C      |
| ce Chest No. PLC 94  | -053                      | Field       | Logbook No.                 |   |                    |              |                  | Method of                | Shipment     | ed ex                                  | ,<br>,       |   |             |
| Shipped 76<br>TMA RECRA                                      |                           | Offsi       | le Property No.             |   |                    |              |                  | Bill of Ladi             | ng/Air Bill  | No.                                    |              |   |             |
|  |                           |             |                             |   | <b>-</b>           |              |                  | COA                      | MEA          | 122184                                 | O            | ·   |             |
| POSSIBLE SAMPLE HAZA   | RDS/REMARKS               |             | Preservation                | Frozen  |                    |              |                  |                          |              |  |              |   |             |
|  |                           |             | Type of Container           | aG  |                    | ļ            | <b> </b>         |                          |              |  |              |   |             |
| Special Handling and/or Stor                                 | rage                      |             | No. of Container(s)  Volume | 120g  |                    |              |                  |                          |              | 144                                    |              |   |             |
|  | SAMPLE ANAI               | LYSIS       |                             | Pest/PCBs -<br>\$081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT] |                    |              |                  |                          |              |  |              |   |             |
| Sample No.   | Matrix *                  | Sample Date | Sample Time                 | 1233  |                    |              | N. S.            |                          |              | MA COST                                |              |   | 7           |
| 30V9B1   | Other Solid               | 4/20/0      | 19 1146                     | X   | ļ                  |              | -                | _                        |              |  | <del> </del> |   |             |
|  |                           |             |                             |   |                    |              |                  |                          |              |  |              |   |             |
|  |                           |             |                             |   |                    |              |                  |                          |              |  |              |   |             |
| CHAIN OF POSSESSION  |                           | Sign/Pr     | int Names                   | . 01  |                    | ial instr    | 1001107<br>3 Sta | ns<br>CIL INN            | . Ku         | aur atz                                | 5779         | Matrix Soil                                   | •           |
| elinquished By  A K . J L S  elinquished By  A M & A N & A L | Date/Time (/25/94) 15 4 7 | Received By |                             | nte/Time 15   | 39 60              | m del        | to ob            | Collec                   | 4071 (b. 517 | zerat?<br>Intil<br>16199 R             | 12           | Water<br>Vapor<br>Other Solid<br>Other Liquid |             |
| elinquished By   | Date/Time                 | Received By |                             | ate/Time  | -  *               | •            |                  |                          | • 1          |  |              |   | •           |
| alinquished By   | Date/Time                 | Recoived By |                             | 9430<br>ate/Time  | -                  |              |                  |                          |              |  |              |   |             |
| LABORATORY Received By SECTION                               |                           |             | <del></del>                 | Ti  | ic .               | ·            |                  |                          | <del></del>  |  | D            | tate/Time                                     | <del></del> |
| PINAL SAMPLE Disposal Mo<br>DISPOSITION                      | ethod                     | <del></del> |                             | <u> </u>  | <del>.,</del> -    | Dispo        | osed By          | <del></del>              |              |  | D            | ate/Time                                      |             |
| DISPOSITION  |                           |             |                             |   |                    | <del>-</del> | <del></del>      |                          | <del></del>  | ······································ |              |   |             |

| Collector<br>J. Linville                        |                      |                          | ny Contact<br>L Wei 55                          | Telephor   | 1e No.      |             |                  | Project Coor<br>FRENT, SJ | linator     | Price Code       | 9N | Data Turnaround               |
|---|----------------------|--------------------------|---|--|-------------|-------------|------------------|---------------------------|-------------|------------------|----|-------------------------------|
| roject Designation Biological Sampling for DDT/ | DDE on the North S   | Sampli<br> - 4-          | ng Location                                     |  |             | -           |                  | SAF No.<br>B99-056        |             |                  |    | 45 Days                       |
| ce Chest No. ELC96                              |                      |                          | ogbook No.                                      |  |             |             |                  | Method of Sh              | ipment      | Fed &            | X  | <del></del>                   |
| hipped 70<br>TM (/RECRA                         |                      | Offsite                  | Property No.                                    | · · · · · · · · · · · · · · · · · · ·                          | <del></del> | <del></del> |                  | Bill of Lading            | /Air Bil) ! |                  |    |                               |
|   |                      |                          |   |  |             |             |                  | COA                       | MEA!        | 22/194           | 0  |                               |
| POSSIBLE SAMPLE HAZAF                           | RDS/REMARKS          |                          | Preservation                                    | Frozen   |             |             |                  |                           |             |                  |    |                               |
|   |                      |                          | Type of Container                               | aG   |             |             |                  | 1                         |             |                  |    |                               |
| Special Handling and/or Stora                   | ige                  |                          | No. of Container(s)  Volume                     | 1<br>120g  |             |             |                  |                           |             | T1               |    |                               |
|   | SAMPLE ANA           | LYSIS                    | <del></del>                                     | Pest/PC84 -<br>8081 (4,4"-<br>DDD, 4,4"-<br>DDE, 4,4"-<br>DDT) |             |             |                  |                           |             |                  |    |                               |
| Sample No.                                      | Matrix *             | Sample Date              | Sample Time                                     | ZITE   |             |             | ZI KATA          |                           |             |                  |    | Action of the same            |
| 0V9B2   | Other Solid          | 4/20/99                  | 1156  | χ  |             |             |                  |                           |             |                  |    |                               |
|   |                      |                          |   |  |             |             |                  |                           |             |                  |    |                               |
|   |                      |                          | _   |  |             |             | <u> </u>         |                           | -           | <del>-  </del> - |    |                               |
| CHAIN OF POSSESSION                             |                      | Sign/Prin                | la La La Villando  La La Villando  Ed 44  De De | <del></del>  | SPEC        | LIDIUS S    | uction<br>level. | in he                     | he a        | ± 3728           | ,  | Matrix * Soil                 |
| dinquished By                                   | Date/Time<br>5/25/99 | STO TOWER BY             | la kvielson                                     | 525pg  | 2 From      | 1 date      | of 1             | collecti                  | 00          | muti1            |    | Water<br>Vapor<br>Other Solid |
| mulius R  | My Bate/Time 13:     | Received By              | edry "  | ate/Time   | Jovu        | Viraina     | טט               | no opti                   | ilatat k    | C) (°            |    | Other Solid<br>Other Liquid   |
| Ninquished By  OCU-Co Ninquished By             | Date/Time Date/Time  | Received By  Received By | L 5/27/99 0                                     | ate/Time<br>6130<br>ate/Time                                   | _           |             |                  |                           |             |                  |    |                               |
|   | SAC TIME             |                          |   | Titl   |             |             |                  |                           | <del></del> |                  |    | te/Time                       |
| ABORATORY Received By SECTION                   | ·                    |                          |   | ···········  |             |             |                  |                           |             |                  |    |                               |
| INAL SAMPLE Disposal Met                        | hod                  |                          |   |  |             | Dispos      | sed By           |                           |             |                  | Da | ite/Titne                     |

| -  | ĺ                                     |                         | CHAIN OF CUST                      | FODY/S   | AMPLE     | ANAL        | YSIS :         | REQUES                                | T                   | B   | 99-056-68 | Page 1  | of 1        |
|--|---------------------------------------|-------------------------|------------------------------------|--|-----------|-------------|----------------|---------------------------------------|---------------------|---|-----------|---|-------------|
| Collector J. Linville Project Designation  |                                       | Cop                     | npany Contact WUSS upling Location | Telephor   | 1295      |             |                | Project Coord<br>FRENT, SJ<br>SAF No. | linator             | Price Code  | 9N        |   | Days        |
| Distanted Counting Co. DD                  | T/DDE on the North S                  | lope - Ot (             | e00 Area                           |  | 401       | , UK        |                | 200 056                               |                     |   |           |   |             |
|  | -053                                  |                         | d Logbook No.                      |  |           |             |                | Method of Sh                          | ipment <del>[</del> | ed Gy   |           |   |             |
| Shipped To<br>TMA/RECRA                    |                                       | Om                      | ite Property No.                   |  |           |             |                | Bill of Lading                        | /Air Bill N         | lo.   |           |   |             |
|  |                                       |                         |                                    |  |           |             |                | COA M                                 | EA17                | 22194   | 0         |   |             |
| POSSIBLE SAMPLE HAZA                       | ARDS/REMARKS                          |                         | Preservation                       | Frozen   |           |             |                |                                       |                     |   |           |   |             |
|  |                                       |                         | Type of Container                  | aG   |           |             |                |                                       |                     |   |           |   |             |
| Special Handling and/or Sto                | rage                                  |                         | No. of Container(s)  Volume        | 1<br>120g  |           |             |                |                                       | F3                  |   |           |   | -           |
|  | SAMPLE ANA                            | LYSIS                   |                                    | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |           |             |                |                                       |                     | Price Code 9N  Price |           |   |             |
| Sample No.                                 | Matrix *                              | Sample Dat              | e Sample Time                      | we Earl  | Section 1 | W. W.       |                |                                       |                     |   |           |   |             |
| B0V9B4                                     | Other Solid                           | 4/20/1                  | q 1152                             | 1  |           | :           |                |                                       |                     |   |           |   |             |
|  |                                       |                         |                                    |  |           |             |                |                                       |                     |   |           |   |             |
|  |                                       |                         | -                                  |  |           |             | -              |                                       |                     |   |           |   |             |
| CHAIN OF POSSESSION                        |                                       |                         | rint Names                         |  | -15       | IAL INSTR   | iuction<br>Sty | ed in t                               | Ture                | N 5   | 178       | Matrix<br>Soil                                | •           |
| Relinquished By J. Linvi He                | Date/Time 5 25/99 K50                 | Received By             | Nels Riveling                      | ate/Time 15  | OF THE    | om d        | ate            | of conf                               | High                | ) UN  | tel       | Water<br>Vapor<br>Other Solid<br>Other Liquid | í           |
| Schullieb-12                               | MUSON 2449                            | 9   \                   | eary                               |  | 7 2       | nipri       | una            | 10 %                                  | as.                 | 21666   | 1 101-    |   |             |
| Relinquished By  Relinquished By           | Date/Time                             | Received By Received By | u 5/27/99 0                        | ate/Time<br>9430<br>ate/Time                                   |           |             |                |                                       |                     |   |           | •   |             |
| LABORATORY Received By SECTION             | · · · · · · · · · · · · · · · · · · · |                         |                                    | Ti   | lle       | <del></del> |                |                                       |                     |   | j<br>E    | Pate/Time                                     | <del></del> |
| FINAL SAMPLE Disposal N DISPOSITION        | fethod                                |                         | _                                  |  |           | Dispo       | sed By         |                                       |                     |   | D         | Date/Time                                     |             |
| 10 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) |                                       |                         |                                    |  |           |             |                |                                       |                     | <del></del>   |           |   |             |

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|   |  | C           | HAIN OF CUST                | rody/s/   | AMPLI         | EANAL        | YSIS        | REQUE                     | ST           | B               | 99-056-69  | Page 1                      | of [        |
|---|--|-------------|-----------------------------|---|---------------|--------------|-------------|---------------------------|--------------|-----------------|--|-----------------------------|-------------|
| Collector<br>J. Linville                          |  | Camp        | sany Contact<br>SCWL155     | Telephon  | e No.<br>9631 |              |             | Project Coor<br>TRENT, SJ | rdinator     | Price Code      | 9N   | Data Tur                    | naround     |
| Project Designation Biological Sampling for DD    | DDE on the North Sion                  |             | ling Location OO Arrew      | 1   | H06           | LE           |             | SAF No.<br>B99-056        |              |                 | 454.   | 45 I                        | Days =      |
| Ice Chest No. ERC94.                              |  |             | Logbook No.                 |   |               |              |             | Method of Si              | hipment F    | ed Ed           | <del></del>                                      |                             |             |
| Shipped To<br>TMA/RECRA                           |  | Offsite     | e Property No.              |   |               |              |             | Bill of Ladin             | g/Air Bill N | 0.              | <u> </u>   | <del></del>                 |             |
|   |  |             |                             |   | <del></del>   | <del></del>  |             | COA N                     | NEAL.        | 22194           | 0  |                             |             |
| Possible sample haza                              | RDS/REMARKS                            |             | Preservation                | Frozen  |               |              |             |                           |              |                 |  |                             |             |
|   |  |             | Type of Container           | aG  |               | ļ            | <u> </u>    |                           |              |                 | <u> </u>   |                             | ,           |
| Special Handling and/or Stor                      | rage                                   |             | No. of Container(s)  Volume | 1<br>120g   |               |              |             |                           | I4           |                 |  |                             |             |
|   | SAMPLE ANALY                           | /sis        | <u> </u>                    | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-}<br>DDE, 4,4'-<br>DDT} | <u> </u>      |              |             |                           |              |                 |  |                             |             |
| Sample No.  | Matrix *                               | Sample Date | Sample Time                 |   |               |              |             |                           |              |                 |  |                             |             |
| B0V9B5  | Other Solid                            | 4/20/9      | 4. 1148                     | X   |               |              |             |                           |              |                 | _  | ·                           | <del></del> |
|   |  |             |                             |   |               |              |             |                           |              |                 |  |                             |             |
|   |  |             |                             |   | <del></del>   |              |             | <b></b>                   |              | <del> </del>    | -  |                             |             |
|   |  | <u></u>     |                             |   |               |              |             |                           | <del></del>  |                 | <del>                                     </del> |                             |             |
| CHAIN OF POSSESSION                               |  | Sign/Pri    | nt Names<br>Nelson / R Nie  | <u></u>   | SPEC          | TAL INSTR    | UCTION      | NS SACAL                  | in k         | 11000           | 1277   | Matrix                      | •           |
|   | Date/Time                              | Received By | Talk MALP                   | ate/Time  |               | w de         | 12 C        |                           | Petino       | Lunt            | 1  | Water<br>Vapor              |             |
| Relinquished By J. Unville<br>Relinquished By . A | 5/25/19 5-10<br>Date/Time 1220         | Reteived By | VICKSY/KAVIE                | SM SG<br>ate/Time   | KA !!         | ipme         | nd t        | is old                    | Dita         | lah             | ^  | Other Solid<br>Other Liquid |             |
| Retinquished By Nelson                            | 2 Nielson 5/2019                       | Received By | ted ex                      | ate/Time  |               | <b>5611.</b> |             | ~ 000                     | J) (4)       | , lab.<br>26199 | المرم  |                             |             |
| Relinquished By Dell                              | ul                                     | Dou         | lu 5/27/99                  | 0430  |               |              |             |                           | 20           | W C             |  |                             |             |
| Relinquished By                                   | Date/Time                              | Received By | . <b>D</b>                  | ate/Tilne   |               |              |             |                           |              |                 |  |                             |             |
| LABORATORY Received By<br>SECTION                 | ······································ | _L          |                             | Titl  | e             |              | <del></del> | <del></del>               | <del></del>  | - <del></del>   | D  | ate/Time                    |             |
| FINAL SAMPLE Disposal M DISPOSITION               | ethod                                  |             |                             |   |               | Dispo        | sed By      |                           |              |                 | D  | ate/Time                    |             |
| DISPOSITION                                       |  | <u> </u>    |                             | · ·   | <del>-</del>  | <del></del>  |             | ···                       | <u> </u>     |                 |  |                             | ·           |

| 1 J. LIWIL                                      | ب ا                                       | C                      | HAIN OF CUST                | ODY/S  | AMPĹI          | EANAL       | YSIS:       | REQUE                     | ST           | В                     | 99-056-70 | Page 1 o                    | 1 1         |
|---|---|------------------------|-----------------------------|--|----------------|-------------|-------------|---------------------------|--------------|-----------------------|-----------|-----------------------------|-------------|
| Collector J. Linville                           |   | Com                    | pany Contact                | Telephor   | ne No.<br>9531 |             |             | Project Coor<br>TRENT, SJ | dinator      | Price Code            | 9N        | Data Turn                   | around<br>O |
| Project Designation Biological Sampling for DDT | ODE on the North S                        | lone - Ot              | oling Location OO Area      |  |                | LE          |             | SAF No.<br>B99-056        |              | 1                     |           | 45 D                        | ays c       |
| Ice Chest No. ERC 96.                           |   |                        | Logbook No.                 |  | 14 00          |             |             | B99-056 Method of S       | hipment      | 1611                  | <u></u>   |                             |             |
| Shipped To TMA/RECRA                            | 099                                       | Offsi                  | te Property No.             |  | <del></del>    |             |             | Bill of Ladin             | g/Air Bill   | No.                   | <u> </u>  | <del></del>                 |             |
|   |   |                        |                             |  | <del></del>    | <del></del> |             | COA                       | MEA          | 122180                | 10        |                             |             |
| POSSIBLE SAMPLE HAZAI                           | RDS/REMARKS                               |                        | Preservation                | Frozen   | -              |             |             |                           |              |                       |           |                             |             |
| }   |   |                        | Type of Container           | aG   |                |             |             |                           |              |                       |           |                             |             |
| Special Handling and/or Store                   | ıge                                       |                        | No. of Container(s)  Volume | 1<br>120g  |                |             |             |                           | J            |                       |           |                             |             |
|   | SAMPLE ANA                                | ALYSIS                 |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |                |             |             |                           |              |                       |           |                             |             |
| Sample No.                                      | Matrix *                                  | Sample Date            | Sample Time                 | 154-3  |                | WAY.        |             |                           | A MARK       |                       |           | (1)                         |             |
| B0V9B6  | Other Solid                               | 4/20/99                | 1203                        | X  |                |             |             |                           |              |                       |           | <u> </u>                    |             |
|   |   | <u> </u>               |                             | <u> </u>   | <u> </u>       |             | <u> </u>    |                           |              |                       |           | <del> </del>                |             |
|   |   | <u> </u>               |                             |  | <u> </u>       |             | ऻ           |                           | <del> </del> |                       |           |                             |             |
|   |   | <u> </u>               |                             |  | <b> </b> -     |             | -           |                           | _            |                       | <b>-</b>  | <br>                        |             |
| CHAIN OF POSSESSION                             |   | Sign/Pri               | int Names                   |  | SPEC           | CIAL INSTR  | UCTION      | red in                    | <u>l</u>     | e at 3                | 377.8     | Matrix *                    |             |
| Relinquished By J. Linville                     | Date/Time                                 | Riserri Va             | Notes 10 alop               | nte/Time   | 539 hi         | m de        | te (        | of (1011                  | ection       | ห้าแห                 | 机         | Water<br>Vapor              |             |
| POWENVENTE.                                     | 5/25/99 1<br>Date/Time 17<br>NiflSpy 5/26 | Riccord By Received By | ed by                       | N 50<br>ate/Time   | 514            | ni pave     | nt?         | to off                    | 370          | e at ?<br>in untiab 5 | 12/99     | Other Solid<br>Other Liquid |             |
| Relinquished By 7 eel-                          | Date/Time                                 | Received By            | D:                          | ate/Time   |                |             |             |                           |              |                       | 10        |                             |             |
| Relinquished By                                 | Date/Time                                 | Received By            | D:                          | nte/Time   |                |             |             |                           |              |                       |           |                             |             |
| LABORATORY Received By SECTION                  |   |                        |                             | Ti   | tle            |             |             |                           |              |                       | Ī         | Date/Time                   |             |
| FINAL SAMPLE Disposal Me                        | thod                                      |                        |                             |  |                | Dispo       | sed By      | <del></del>               |              |                       | Ī         | ate/Time                    |             |
| *   | <del></del>                               |                        | <u> </u>                    | <del></del>  |                |             | <del></del> |                           |              | <del></del>           |           |                             |             |

| CHAIN OF POSSESSION  Sign/Print Names  SPECIAL INSTRUCTIONS  Soil Water  Soil Water  Vapor  Other Solid  Show L. Le Stras for Stras All Mellon R Nielson 52899 from Atta & Collection until  Other Solid  Other Solid  |   |                            | Ċ           | HAIN OF CUST      | FODY/S                                       | AMPLE  | ANAL                | YSIS I   | REQUES          | г  | BS       | 9-056-71     | Page 1        | of 1    |
|--|---|----------------------------|-------------|-------------------|--|--|---------------------|----------|-----------------|--|----------|--------------|---------------|---------|
| Biological Sampling for DDT/DDE on the North Stope - O.  Field Legbook No.  Shipped Print Place   Property No.  Shipped Property No.  Shill of Lading/Air Bill No.  COA MEA(2) PAD  Frotter Value  Special Handling and/or Storage  Special Handling and/or Storage  Special Handling and/or Storage  Sample ANALYSIS  Sample No.  Sample No.  Matrix *  Sample Date  Sample Time  Special Instructions  Spe | J. Linville   |                            | Skre        | , WC155           | Telephor<br>3729                             | H-06-LE BAFNO. B |                     |          | Price Code      | 9N   |          |              |               |         |
| The Cast No.   COA   MEALY   Property No.   Sulposed Shaper   CA, W.    Sulposed Reading and/or Storage   Property No.   Preservation   Property No.   Proposed By   P | Project Designation Biological Sampling for DDT   | /DDE on the North SI       | ope - Ot // | ling Location     |  | H-06   | -LE                 |          |                 |  |          |              | 45            | Days    |
| Supple Procession  From MEAIN Procession  From MEAIN Procession  Type of Container  No. of Container  No. of Container  No. of Container  No. of Container  No. of Container  Sample No.  Sample No.  Matrix *  Sample Date  Sample Date  Sample Time  Sign Print Names  Second Instructions  Sign Print Names  Second Instructions  Sign Print Names  Second Instructions  Sign Print Names  Sign Print Name  Sign Print Names  Sign Print Name  Sign Pri | Ica Cheet No.   |                            |             |                   |  |  |                     |          | Method of Ship  | oment }  | ELA. 9N  | <u> </u>     |               |         |
| Preservation Frusto Type of Container No. of Caetainer(s) Volume  Sepecial Handling audier Storage  SAMPLE ANALYSIS  Sample No. Mairix * Sample Date  Sample Date  Sample No. Mairix * Sample Date  Samp | Shipped Po TMA/RECRA  | <u> </u>                   | Offsit      | e Property No.    | ······································       | <u> </u>   |                     |          | Bill of Lading/ | Air Bill No                                      | <u> </u> |              |               |         |
| Prestruction Type of Container Type of Container No. of Container Special Handling and/or Storage  Secial Handling and/or Storage  Sample No. Matrix * Sample Date Sample Date Sample No. Matrix * Sample No. Matrix * Sample No. Matr |   |                            |             | <del></del>       |  |  | <del></del>         |          | COA /           | MEAK   | 221941   | <u> </u>     |               |         |
| Special Handling and/or Storage    Special Handling and/or Storage   Storage | POSSIBLE SAMPLE HAZAI   | RDS/REMARKS                |             | Preservation      | Frozen                                       |  |                     | <u>`</u> |                 |  |          |              |               |         |
| Special Handling and/or Storage    No. of Container(e)   120g   120g   172   1 |   |                            |             | Type of Container | aG   |  |                     |          |                 |  |          |              | _             |         |
| SAMPLE ANALYSIS  Date of the control | Special Handling and/or Store   | age                        |             | \                 |  |  |                     |          |                 | 52   |          |              |               | 1       |
| CHAIN OF POSSESSION  CHAIN OF POSSESSION  Relinquished By J. In N. i.   Date/Time   Received By   Date/Time   Date |   | SAMPLE ANA                 | LYSIS       |                   | 8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-      |  |                     |          |                 |  |          |              |               |         |
| CHAIN OF POSSESSION  Relinquished By J. In V. 118.  Sector By J. In V. 118.  Sector By J. In V. 118.  Sector By J. In V. 118.  Sector By J. In V. 118.  Sector By J. In V. 118.  Received By Date/Time   | Sample No.  | Matrix •                   | Sample Date | Sample Time       | AL R   |  |                     |          |                 | No.  |          |              |               |         |
| Relinquished By Date/Time Received By Date/Time Sectived By Date/Time Final Sample Disposed By Date/Time Date/Time Date/Time Date/Time Date/Time Section Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time   | B0V9B7  | Other Solid                | 4/20/90     | 1 1207            | X  |  |                     |          | _               |  |          |              |               |         |
| Relinquished By Date/Time Received By Date/Time Sectived By Date/Time Final Sample Disposed By Date/Time Date/Time Date/Time Date/Time Date/Time Section Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time   |   |                            | <u> </u>    |                   | <u> </u>                                     | [  | ļ                   |          | -               | <del>                                     </del> | -        | <del> </del> |               |         |
| Relinquished By Date/Time Received By Date/Time Sectived By Date/Time Final Sample Disposed By Date/Time Date/Time Date/Time Date/Time Date/Time Section Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time   |   |                            |             |                   | <u> </u>                                     |  |                     |          |                 |  |          |              |               |         |
| Relinquished By Date/Time Received By Date/Time Sectived By Date/Time Final Sample Disposed By Date/Time Date/Time Date/Time Date/Time Date/Time Section Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time   |   |                            |             | <u></u>           | <u>                                     </u> | 222  |                     |          |                 | <u> </u>   |          |              |               | <u></u> |
| Relinquished By Date/Time Received By Date/Time Sectived By Date/Time Final Sample Disposed By Date/Time Date/Time Date/Time Date/Time Date/Time Section Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time   |   | D. a. China                | Sign/Pri    | nt Names          | ate/Time                                     | its al   | ial instr<br>Mydles |          | redute          | 3728   | m Du     | ezer         | Soil<br>Water |         |
| Relinquished By Date/Time Received By Date/Time  LABORATORY Received By Title Disposal Method Disposed By Date/Time  | Reinquished By J. L. N. 116<br>Reinquished By L. J. | 2 5/25/69 15 Date/Time 132 | Received By | helson k Nielson  | 1525<br>ate/fime                             | 29 M   | om (li              | ate i    | ob conte        | ction  | lab.     | 1            | Other Solid   |         |
| Relinquished By Date/Time Received By Date/Time  LABORATORY Received By Title Date/Time  SECTION Disposal Method Disposed By Date/Time   | Relinquished By   | Date/Time                  | Received By | U5/27/99 0        | 430  |  | 5/26                | 199      | RIN             | -  |          |              |               |         |
| SECTION  FINAL SAMPLE Disposal Method  Disposed By  Date/Time  |   |                            | Received By | D                 |  |  |                     |          |                 |  |          |              |               |         |
| FINAL SAMPLE Disposal Method Disposed By Date/Time   |   |                            |             |                   | Tit  | le   |                     |          |                 |  |          | . D          | ate/Time      |         |
|  | FINAL SAMPLE Disposal Me  | thod                       |             |                   | ·  |  | Dispo               | sed By   |                 |  |          | D            | ate/Time      |         |

| Bechtel Hanford I  | ıc.                       | CI               | IAIN OF CUST                | FODY/S   | AMPLI              | E ANAL                       | YSIS         | REQUE                      | ST               | B                                     | 99-056-27 | Page 1 of                     | 1           |
|--|---------------------------|------------------|-----------------------------|--|--------------------|------------------------------|--------------|----------------------------|------------------|---------------------------------------|-----------|-------------------------------|-------------|
| Collector Camo   | 1. linuite                | Compa<br>Stev    | ny Contact<br>e Weiss       | Telephor<br>372-9:   | ne No.<br>531      |                              |              | Project Cool               | rdinator         | Price Code                            | 9N        | Data Turna                    |             |
| Project Designation Biological Sampling for DDT/D                    |                           | Sampli<br>Ot 600 | ng Location<br>Area         | ,  |                    |                              |              | SAF No.<br>B99-056         |                  |                                       |           | 45 Da                         | ays         |
| Ice Chest No. ER-CAL   | -053                      | Field L          | ogbook No.                  |  |                    |                              |              | Method of Si<br>Federal Ex | hipment<br>press |                                       |           | <del></del>                   |             |
| Shipped To<br>TMA RECRA  | <u> </u>                  | Offsite          | Property No.                | <del></del> *  | <u>,,,</u>         |                              |              | Bill of Ladin              | <u> </u>         | io.                                   |           |                               |             |
|  |                           | <del></del>      |                             |  | <del></del>        | <del></del>                  |              | COA                        | MEA              | 12216                                 | 40        |                               |             |
| POSSIBLE SAMPLE HAZARI   | OS/REMARKS                |                  | Preservation                | Frozen   |                    |                              |              |                            |                  |                                       |           |                               |             |
|  |                           | [                | Type of Container           | aG   |                    |                              |              |                            |                  |                                       |           |                               |             |
| Special Handling and/or Storag All samples are to be frozen prior to | e<br>shipment to the lab. |                  | No. of Container(s)  Volume | 1<br>120mL   |                    |                              |              |                            |                  |                                       |           |                               |             |
|  | SAMPLE ANALYSIS           |                  |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |                    |                              |              |                            | 85               |                                       |           |                               |             |
| Sample No.   | Matrix *                  | Sample Date      | Sample Time                 |  |                    |                              |              |                            |                  |                                       |           |                               | *           |
| 90V8B0   | Other Solid               | 1/15/91          | 1354                        | X  |                    |                              |              |                            |                  |                                       |           |                               |             |
|  |                           |                  |                             |  |                    |                              |              |                            |                  |                                       |           |                               |             |
|  |                           |                  |                             |  | lanna              |                              |              |                            |                  |                                       |           |                               |             |
| CHAIN OF POSSESSION  |                           | Sign/Print       | Names                       |  | Bird               | IAL INSTR                    | ckaged in    | ziploc bags and            | placed in sam    | ple bottles. The l<br>Overnight shipm | ab is to  | Matrix *                      |             |
| elinquished By J.Lin Ville<br>Opilet. J. el. <                       | Date/Time /28/94) 1530    | WWW.             | els kniers                  | M 5 29   | requi              | red. Samples a<br>1 VH VI IC | re to rema   | in frozen. All sar         | nples are colle  | ected from non-r                      | nd areas. | Water<br>Vapor<br>Other Solid |             |
| Shorthon R. Niel   | Date Time 330 R           | eceived By       | edy B                       | te/Time  | 3                  | 728-5                        | 3/25         | 99-af                      | Time             | B 8011                                | ectory    | Other Liquid                  |             |
| olihquished By Ded-en  | Date/Time R               | eceived By       | L5127199 0                  | te/Time<br>0430  | $\exists^{\omega}$ | 出しつ                          | rupi         | THEIL TO                   | ) for            | •                                     | į         |                               |             |
| slinquished By   | Date/Time R               | ecelved By       | Da                          | te/Time  |                    |                              |              |                            |                  |                                       |           |                               |             |
| ABORATORY Received By SECTION  |                           |                  |                             | Tit  | e                  | <del> </del>                 |              | <del></del>                |                  |                                       | D         | nte/Time                      | <del></del> |
| FINAL SAMPLE Disposal Metho  | ð                         |                  |                             |  |                    | Dispo                        | sed By       |                            | <del>-</del>     |                                       | Di        | ite/Time                      |             |
| DISPOSITION  |                           |                  | <u></u>                     | <del></del>  |                    | <u></u>                      | <del>-</del> | <del></del> _              |                  |                                       |           | <del></del>                   |             |

|  |                                       |                         | CHAIN OF CUST                               | ODY/S                       | AMPL            | E ANAL               | YSIS          | REQUES                     | T             | B9               | 9-056-72    | Page 1                               | of 1                                  |
|--|---------------------------------------|-------------------------|---|-----------------------------|-----------------|----------------------|---------------|----------------------------|---------------|------------------|-------------|--------------------------------------|---------------------------------------|
| Collector<br>J. Linville   |                                       | 15k                     | npany Contact<br>We Weis S                  | Telepho                     | ne No.<br>57295 | 31                   |               | Project Coord<br>TRENT, SJ | linator       | Price Code       | 9N          |                                      | Daround                               |
| Project Designation Biological Sampling for DDT  | /DDE on the North S                   | San<br>lope - Ot        | pling Location  000 Ark                     |                             | H 06            | LE                   |               | SAF No.<br>B99-056         |               |                  |             | 45 1                                 | Days C                                |
| Ice Chest No. ERCGU  | ,-053                                 | Fiel                    | d Logbook No.                               |                             |                 |                      |               | Method of Shi              | pment         | Fed Uf.          | <del></del> | <del></del>                          | · · · · · · · · · · · · · · · · · · · |
| Shipped To<br>TMARECRA   |                                       | Off                     | site Property No.                           |                             |                 |                      |               | Bill of Lading             | /Air Bill N   | io.              |             |                                      |                                       |
|  | · · · · · · · · · · · · · · · · · · · |                         |   |                             |                 |                      |               | COA                        | MEAN          | 221P40           |             |                                      |                                       |
| POSSIBLE SAMPLE HAZA   | RDS/REMARKS                           |                         | Preservation                                | Frozen                      |                 |                      |               |                            |               |                  |             |                                      |                                       |
|  |                                       |                         | Type of Container                           | aG                          |                 |                      |               |                            |               |                  |             |                                      |                                       |
| Special Handling and/or Store  | nge                                   |                         | No. of Container(s)  Volume                 | 1<br>120g                   |                 |                      |               |                            | J3            |                  |             |                                      |                                       |
|  | SAMPLE ANA                            |                         |   |                             |                 |                      |               |                            |               | <del></del>      |             |                                      |                                       |
| Sample No.   | Matrix •                              | Sample Dat              | e Sample Time                               |                             |                 |                      |               |                            |               |                  |             |                                      |                                       |
| B0V9B8   | Other Solid                           | 4/20/90                 | 12.09                                       | X                           |                 |                      |               |                            |               |                  |             |                                      |                                       |
|  |                                       |                         |   |                             |                 |                      |               |                            |               |                  |             |                                      |                                       |
|  | <u> </u>                              |                         |   | <br><del></del>             |                 | <del> </del>         |               |                            | -             |                  |             |                                      |                                       |
| CHAIN OF POSSESSION  |                                       | Sign/P                  | rint Names                                  |                             | SPE             | CIAL INSTR<br>LYYUDU | <u>verior</u> | vs<br>red in               | Free          | ver at           | 3728        | Matrix Soil                          |                                       |
| telinguished By J. Linville  Linvill | Date/Time   3                         | Received By Received By | rint Names  Pells R. Hielsons Da  Fed W  Da | te/Time<br>25 99<br>le/Time | 518 FA          | om da<br>lipmer      | te of         | collecto lab               | tion<br>. 5/1 | until<br>20199 B | ind         | Vapor<br>Other Solid<br>Other Liquid | i                                     |
| Jed ed   | <br>                                  | Sale                    | L 5/27/99 04                                | 130                         |                 |                      |               |                            |               |                  |             |                                      |                                       |
| telinquished By  | Date/Time                             | Received By             | Da  | te/Time                     |                 |                      |               |                            |               |                  | 1           |                                      |                                       |
| LABORATORY Received By<br>SECTION  |                                       |                         |   | Tit                         | ile             |                      |               |                            |               |                  | Di          | tte/Time                             |                                       |
| FINAL SAMPLE Disposal Me<br>DISPOSITION  | thod                                  |                         |   |                             |                 | Dispo                | sed By        |                            |               |                  | Da          | ite/Time                             |                                       |

| RHT  |   | <b>C</b>         | HAIN OF CUST                | ODY/S  | AMPLE       | ANAL              | YSIS I     | REQUES                     | T           | BS         | 9-056-73     | Page 1 of                                     | 1            |
|--|---|------------------|-----------------------------|--|-------------|-------------------|------------|----------------------------|-------------|------------|--------------|---|--------------|
| Collector<br>J. Linville   |   | 1 5He            | vany Contact<br>Ne Weiss    | Telephor   | 1295        | 31                | t          | Project Coord<br>FRENT, SJ | inator      | Price Code | 9N.          | Data Turns                                    |              |
| roject Designation<br>Biological Sampling for DD   | T/DDE on the North Sl                     | ope - Ot         | ling Location H-06-LE       |  |             |                   |            | SAF No.<br>399-056         |             |            |              | 45 D  | ays          |
| te Chest No. ERC96   |   |                  | Logbook No.                 | <del></del> -  |             |                   |            | Method of Shi              | pment       | Fed.       | ext          |   | <del>-</del> |
| hipped PO<br>TMA(RECRA)  | -   | Offsit           | e Property No.              |  |             | <del></del>       | I          | Bill of Lading             | /Air Bill ! | No.        |              |   |              |
|  | ······································    | <del></del>      |                             |  | <del></del> | <del></del>       |            | COA                        | ME          | A1221      | 40           | ···   |              |
| POSSIBLE SAMPLE HAZA   | RDS/REMARKS                               |                  | Preservation                | Frozen   |             |                   |            |                            |             |            |              |   |              |
|  |   |                  | Type of Container           | aG   |             | 1                 |            |                            |             |            |              |   |              |
| Special Handling and/or Sto  | rage                                      |                  | No. of Container(s)  Volume | 1<br>120g  |             |                   |            | 14                         |             |            |              |   |              |
| <u> </u>   | SAMPLE ANA                                | LYSIS            | <u> </u>                    | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |             |                   |            |                            |             |            |              |   |              |
| , Sample No.   | Matrix *                                  | Sample Date      | Sample Time                 |  |             |                   |            |                            |             |            |              |   |              |
| 0V9B9  | Other Solid                               | 4/2-0/99         | 1 1212                      | X  |             |                   |            |                            | -           |            | <del> </del> | -   |              |
|  |   |                  |                             |  | <del></del> |                   |            |                            |             |            |              |   |              |
|  |   |                  |                             |  |             |                   |            |                            | -           |            |              |   |              |
| CHAIN OF POSSESSION  |   | Sign/Pri         | nt Names                    |  | SPEC        | IAL INSTR         | uction 5   | s<br>med.                  | 'n.         | breez      | erat         | Matrix *                                      |              |
| elinquished By T. Linville  State Kylv  St | Date/Time<br>5/25/19 154<br>110500 5/76/9 | A/ / Received By | Nielsmirell<br>W            | ate/Time 18<br>SDN 5/28<br>ate/Time                            | ある<br>SV    | 128 fri<br>1i pme | om d<br>nt | acte of                    | 0.517       | there      | est          | Water<br>Vapor<br>Other Solid<br>Other Liquid |              |
| ainquished By Ded-   | Date/Time                                 | Received By      | 15/27/99                    | ate/Time   |             |                   |            |                            |             | ·          |              |   |              |
| alinquished By  LABORATORY Received By   |   | ALLOWATED BY     |                             | Tit  | le le       |                   |            | <del></del>                |             |            | D            | ate/Time                                      | •            |
| SECTION  | •   |                  |                             |  |             |                   |            |                            |             |            |              |   |              |

| Bechtel Hanford  | Inc.                               | C                   | HAIN OF CUST                | rody/s/  | MPL       | E ANAL   | YSIS R                          | EQUEST                                 | r             | B9   | 9-056-30    | Page 1                               | of 1:       |               |
|--|------------------------------------|---------------------|-----------------------------|--|-----------|--|---------------------------------|--|---------------|--|-------------|--------------------------------------|-------------|---------------|
| Collector<br>Ken Can   | o// Linuille                       | Comp                | any Contact<br>ve Weiss     | Telephon<br>372-95   |           | · · · · · · · · · · · · · · · · · · ·  | Pi<br>TT                        | roject Coordi<br>RENT, SJ              | nator         | Price Code   | 9N          | -                                    | rnaround    | _             |
| Project Designation Biological Sampling for DD                     |                                    | Sampl               | ling Location<br>Area       |  |           |  |                                 | AF No.<br>99-056                       |               |  |             | 45                                   | Days        | Ç             |
| lee Cheet No   | 16-053                             |                     | Logbook No.                 |  |           | - VIII   | М                               | ethod of Ship<br>Federal Expr          | ment<br>ess   |  |             |                                      | ·           | 7             |
| Shipped Fo<br>TMA/RECRA  | <u> </u>                           | Offsite             | Property No.                |  |           |  |                                 | ll of Lading/                          |               | Vo.  | <del></del> |                                      |             | _             |
|  |                                    |                     |                             |  |           |  |                                 | COA M                                  | BAI           | 22184  | )           |                                      | ·           | <u> </u>      |
| POSSIBLE SAMPLE HAZA   | RDS/REMARKS                        |                     | Preservation                | Frozen   |           |  |                                 |  |               |  |             |                                      |             |               |
|  |                                    |                     | Type of Container           | aG   |           |  |                                 |  |               |  |             |                                      |             | ┛             |
| Special Handling and/or Stor<br>All samples are to be frozen price | rage<br>or to shipment to the lab. |                     | No. of Container(s)  Volume | 1<br>120mL   |           |  | 1                               | DHS                                    |               |  |             | }                                    |             |               |
|  | SAMPLE ANA                         | LYSIS               |                             | Pest/PCBs -<br>8081 (4,4*-<br>DDD, 4,4*-<br>DDE, 4,4*-<br>DDT) |           |  |                                 |  |               |  |             |                                      |             |               |
| Sample No.   | Matrix •                           | Sample Date         | Sample Time                 |  |           | The state of the s |                                 |  | e sacr de     | Carlo Constitution (Constitution Constitution              |                                      |             |               |
| 30V8B3   | Other Solid                        | 4/15/90             | 13-14                       | X  |           |  |                                 |  |               |  |             |                                      | ·           | $\frac{1}{2}$ |
|  |                                    |                     |                             |  |           |  |                                 |  |               |  |             |                                      |             | <b> </b>      |
|  |                                    |                     |                             |  |           |  |                                 |  |               |  |             |                                      |             | 1             |
| CHAIN OF POSSESSION  |                                    | Sign/Prin           |                             | ite/Time \5  | Bird remo | ve contents from   | ckaged in zipi<br>n eggs shells | and analyze the                        | contents.     | ple bottles. The la<br>Overnight shipme  | nt is       | Matrix<br>Soil<br>Water              | •           | 7             |
| elinquished By  aliquished By  L J D D  Aliquished By L M D D      | . Date/Time 2                      | 30 Received By      | YXX IKNIPIOX                | te/Time  | 1 15/1    | n aliq   | SIN                             | Pd IM.                                 | MO            | ected from non-ra<br>LACO O<br>LOVE I LUC  | 11          | Vapor<br>Other Solid<br>Other Liquid |             |               |
| KONTONES KA  | nebon 5-76-0                       | Received By         | en u                        | ite/Time   | -18h      | i DMen   | 1 0                             | Utsit                                  | ela           | b. lin   | 12619       |                                      |             | 1             |
| alinquished By   | Date/Time                          | AOUU<br>Retelved By | 5/27/99 B                   | 930<br>ste/Time  | -         | 4  |                                 | UU                                     |               |  |             |                                      |             |               |
| LABORATORY Received By   |                                    |                     |                             | Title  |           |  | <del></del>                     | ······································ |               |  |             | Pate/Time                            |             | $\frac{1}{2}$ |
| SECTION  FINAL SAMPLE Disposal Mo DISPOSITION                      | ethod                              |                     |                             | **   |           | Dispo  | sed By                          | _ <del></del>                          | <del></del> - | <del></del>  | Ē           | Pate/Time                            | <del></del> | 1             |
|  |                                    |                     |                             |  |           | <del></del>  |                                 | <del> </del>                           |               |  |             |                                      |             |               |

| Bechtel Hänford   | I Inc.  | C                       | HAIN OF CUST                | rody/s  | AMPLI  | E ANAL          | YSIS                      | REQUES  | ST             | B               | 99-056-29             | Page 1 c                             | of 1   |
|---|---|-------------------------|-----------------------------|---|--|-----------------|---------------------------|---|----------------|-----------------|-----------------------|--------------------------------------|--------|
| Collector<br>Ken Gan  | D. Linvil                                       | Comp<br>Ste             | pany Contact<br>eve Weiss   | Telephor<br>372-95  |  |                 |                           | Project Coor<br>TRENT, SJ   | dinator        | Price Code      | 9N                    | Data Turr                            |        |
| Project Designation Biological Sampling for DD  | /   | Samp                    | ling Location<br>Area       |   | <del></del>                                  |                 |                           | SAF No.<br>B99-056  |                |                 |                       | 45 I                                 | )ays 🤝 |
| Ice Chest No. PLC 96  | -053  | Field                   | Logbook No.                 |   |  |                 |                           | Method of Sh<br>Federal Exp   |                |                 |                       |                                      |        |
| Shipped To<br>TMA/RECRA   |   | Offsit                  | e Property No.              | <del></del>   | <del></del>                                  |                 |                           | Bill of Lading  | /Air Bill N    | 0.              |                       |                                      |        |
|   |   |                         |                             | <u>,, ,</u>   | <del></del>                                  |                 |                           | COA N   | MEAD           | 21940           | )                     |                                      | ·      |
| POSSIBLE SAMPLE HAZ   | ARDS/REMARKS                                    |                         | Preservation                | Frozen  |  |                 |                           |   |                |                 |                       |                                      |        |
|   |   |                         | Type of Container           | aG  |  |                 |                           |   |                |                 |                       |                                      |        |
| Special Handling and/or Sto<br>All samples are to be frozen pri   |   |                         | No. of Container(s)  Volume | l<br>120mL  |  |                 |                           |   | Bu             |                 |                       |                                      |        |
|   | SAMPLE ANAI                                     | LYSIS                   | <u> </u>                    | Pet/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |  |                 |                           |   |                |                 |                       |                                      |        |
| Sample No.  | Matrix *  | Sample Date             | Sample Time                 |   |  |                 |                           |   | 1820           | TOTAL OF        | पु क्षाः स <u>ु</u> त |                                      |        |
| B0V8B2  | Other Solid                                     | 4/15/99                 | 9 1409                      | ×   |  |                 |                           |   |                |                 |                       |                                      |        |
|   |   |                         |                             |   |  |                 |                           |   |                |                 |                       |                                      |        |
|   |   |                         |                             |   | <u>.                                    </u> | <u> </u><br>    |                           |   |                | -               |                       |                                      |        |
| CHAIN OF POSSESSION   |   | Sign/Prin               |                             |   | Bird o                                       | e contents from | ckaged in a<br>m eggs she | (S<br>riploc bags and p<br>lls and analyze the<br>rifrozen. Alj sam | ne contents. C | vernight shipme | ent is                | Matrix * Soil Water                  |        |
| Celinquished By  Og. L. L. J. L. Minduished Ba  Official State of the Control of | Date/Time  7/35/99 15 5  Date/Time  MUSS 57/6/1 | Received By             | dup "                       | te/Time   | 9 50   | mples<br>n_+xx  | Shr                       | edin  | Die            | ungi            | 4,3728<br>J5121.190   | Vapor<br>Other Solid<br>Other Liquid |        |
| Dell-celled By Dell-celled By Letter By   | Date/Time                                       | Received By Received By | 1 5/27/99                   | te/Time  OG 30  te/Time                                       |  | ymai            | U 16                      |   |                |                 |                       |                                      |        |
| LABORATORY Received By SECTION  | · · · · · · · · · · · · · · · · · · ·           |                         |                             | Title   |  |                 | <del></del>               |   |                |                 | Da.                   | te/Time                              |        |
| FINAL SAMPLE Disposal M DISPOSITION   | (ethod  |                         |                             |   |  | Dispo           | sed By                    | <del></del>   | ·—·            |                 | Dat                   | te/Time                              |        |
| *   | ···   | <del></del>             |                             |   |  |                 |                           |   |                |                 | ···-                  |                                      | ·····  |

| Becntel Hählord   | Inc.   | C           | HAIN OF CUS                          | FODY/S             | AMPLI           | E ANAL          | YSIS                       | REQUES                                    | T             | B               | 99-056-28 | Page 1 of 1          |
|---|--|-------------|--------------------------------------|--------------------|-----------------|-----------------|----------------------------|---|---------------|-----------------|-----------|----------------------|
| Collector<br>Ken Como   | 1). linuille   | Comp        | eany Contact<br>ve Weiss             | Telephot<br>372-95 | ie No.          |                 |                            | Project Coord                             | inator        | Price Code      | 9N        | Data Turnaround      |
| Project Designation Biological Sampling for DD  |  | Samp        | ling Location Area                   | · <u> </u>         |                 |                 |                            | SAF No.<br>B99-056                        | :             |                 |           | 45 Days              |
| Ice Chest No. BLC94   | -063   | Field       | Logbook No.                          |                    | ,               |                 |                            | Method of Shi<br>Federal Exp              | pment<br>ress | -               |           |                      |
| Shipped To TMA/RECRA  |  | Offsit      | e Property No.                       |                    |                 |                 |                            | Bill of Lading                            | Air Bill I    | No.             |           |                      |
|   |  |             |                                      |                    |                 |                 |                            | COA N                                     | NEA           | 122111          | 40        |                      |
| POSSIBLE SAMPLE HAZA  | ARDS/REMARKS   |             | Preservation                         | Frozen             |                 |                 |                            |   |               |                 |           |                      |
|   |  |             | Type of Container                    | aG                 |                 |                 | <u> </u>                   |   |               |                 |           |                      |
| Special Handling and/or Sto<br>All samples are to be frozen pri                             | No. of Container(s)  |             |                                      |                    |                 |                 |                            |   |               |                 |           |                      |
|   | SAMPLE ANALYS  | sis         | No. of Container(s)  Volume    120mL |                    |                 |                 |                            |   |               |                 |           |                      |
| Sample No.  | SAMPLE ANALYSIS  Pest/PCBs - stort (4.4'- DDD, 4.4'- DDE, 4.4'- DDDT)  Dample No. Matrix * Sample Date Sample Time |             |                                      |                    |                 |                 |                            |   |               |                 | 17.57     |                      |
| B0V8B1  |  |             |                                      |                    |                 |                 |                            |   |               |                 |           |                      |
|   |  | <del></del> |                                      |                    | <del></del>     |                 |                            | <del>- </del>                             | <del> </del>  |                 |           |                      |
|   | <u> </u>   |             |                                      |                    | <del>,</del>    |                 |                            |   |               |                 | <b> </b>  |                      |
|   |  |             |                                      |                    |                 |                 |                            |   |               |                 |           |                      |
| CHAIN OF POSSESSION   |  | Sign/Prin   |                                      |                    | Bird o          | e contents from | ckaged in z<br>m eges shel | iploc bags and pla<br>ils and analyze the | e contents.   | Overnight shipm | ent is    | Matrix * Soil Water  |
| Relinquished By   | Date/Time<br>-) 5/25/94) 1530  | PERMIN      | Oby 12 Niels                         | 15/25/9            | Popular Company |                 | BU                         | frozen. All samp                          |               | LECTION HODE    | J         | Vapor<br>Other Solid |
| CALLEN PESHLN   | Date Time (330)  | Received By | edby Da                              | ite/Time           | 37              | 28 f            | pm                         | 4my o                                     |               | Mechi<br>Azito  | ubon      | Other Liquid         |
| Relinquished By Date/Time Received By Date/Time With Shipmend TO Mother Modern S/27/99 0430 |  |             |                                      |                    |                 |                 |                            |   |               | 51264           | 7         |                      |
| Relinquished By   | Date/Time  | Received By |                                      | ute/Time           |                 |                 |                            |   | •             |                 |           |                      |
| LABORATORY Received By SECTION  |  |             |                                      | Tid                |                 |                 | ·                          |   |               |                 | D         | ate/Time             |
| FINAL SAMPLE Disposal M DISPOSITION   | ethod  |             | <u> </u>                             |                    |                 | Dispos          | sed By                     |   |               | -               | D         | ate/Time             |
|   | ,  |             |                                      |                    |                 | <del></del>     | <del></del>                |   |               |                 |           |                      |

| Bechtel Hanford Inc.   |              | C            | CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST |  |          |   |  |  |                             |                   | B99-056-57             |                         | 1 |
|--|--------------|--------------|--|--|----------|---|--|--|-----------------------------|-------------------|------------------------|-------------------------|---|
| Project Designation Biological Sampling for DDT/DDE on the North Slope - Ot lee Chest No. Shipped For TMARECRA |              |              | Field Logbook No.                        |  |          |   |  | Project Coordinator<br>TRENT, SJ<br>SAF No.<br>B99-056 |                             | Price Code        | 9N                     | Data Turnaround 45 Days |   |
|  |              |              |  |  |          |   |  |  |                             | 1                 |                        |                         |   |
|  |              |              |  |  |          |   |  | Method of Shipment<br>Federal Express                  |                             |                   |                        |                         |   |
|  |              |              | Offsite Property No. Bill                |  |          |   |  |  | Bill of Lading/Air Bill No. |                   |                        |                         |   |
|  |              |              |  |  |          |   |  | COA  | MEA                         | 122184            | 0                      |                         |   |
| POSSIBLE SAMPLE HAZARDS/REMARKS  |              |              | Preservation                             | Frozen   |          |   |  |  |                             |                   |                        |                         |   |
|  |              |              | Type of Container                        | aG   |          |   | Ţ  |  |                             |                   |                        |                         |   |
|  |              |              | No. of Container(s)                      |  |          |   |  |  |                             |                   |                        |                         |   |
| Special Handling and/or Storage All samples are to be frozen prior to shipment to the lab.                     |              |              | Volume                                   | 500mL  |          | •   |  |  |                             |                   |                        |                         |   |
|  | SAMPLE ANALY | ysis         |  | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT)   |          |   |  |  |                             |                   |                        |                         |   |
| Sample No.   | Matrix *     | Sample Date  | Sample Time                              |  |          | Carlo Barro   |  |  |                             |                   |                        |                         |   |
| 10V8F0   | Other Solid  | 5/3/99       | 1446                                     | Χ  |          |   |  |  |                             |                   | -                      |                         |   |
|  |              |              |  |  |          |   |  |  |                             |                   |                        |                         |   |
|  |              |              |  |  | <u> </u> |   | <b> </b>   |  |                             |                   |                        |                         |   |
| CHAIN OF POSSESSION Sign/Print Names   |              |              |  | SPECIAL INSTRUCTIONS  Bird eggs will be packaged in ziploc bags and placed in sar remove contents from eggs shells and analyze the contents. |          |   |  |  |                             | . Overnight shipm | Overnight shipment is  |                         |   |
| elinquished Bygonium & Linvilla Date/Time Received   |              |              | Pate/Time red                            |  |          |   | required. Samples are to remain frozen. All samples are colled for bush bush 1 |  |                             |                   | ed from non-rag areas. |                         |   |
| Still Willy-KAILSon 5R499  Receive  Receive  |              | Received By  | ed By Date/Time                          |  |          | Sumples Stored in Kneses<br>From date of collection is<br>to less RN 5/26/199 N |  |  |                             | unti 15           | nipmax                 | +                       |   |
| Decl-eu  | Date/Time    | Received By  | <u> 5/27/99 1</u>                        | 9930<br>te/Time  | -110     | HW  | N <sub>D</sub>   | 2/100  | רוט <b>~</b>                | , <del>-</del>    | -                      |                         |   |
| emplement by   | Parc 1 mc    | RICCEIVED DY |  |  | -        |   |  |  |                             |                   |                        |                         |   |
|  | <del></del>  |              | <del></del>                              | Title  |          |   |  |  |                             | <del></del>       | <u>_</u>               | ate/Time                |   |
| LABORATORY Received By<br>SECTION  |              |              |  |  |          |   |  |  |                             |                   | 120                    |                         | j |

| Bechtel Hanford  | Inc.                                   | C              | HAIN OF CUS                 | FODY/SA   | AMPL        | E ANAL                                 | YSIS                 | REQU                    | EST                 |                       | B99-056-87            | Page 1                                 | of 1     |
|--|--|----------------|-----------------------------|---|-------------|--|----------------------|-------------------------|---------------------|-----------------------|-----------------------|--|----------|
| Collector  |  | Comp           | any Contact<br>ve Weiss     | Telephon<br>372-95  | e No.<br>31 |  |                      | Project Co<br>TRENT, SI | ordinator           | Price Co              | de 9N                 |  | rnaround |
| Project Designation Biological Sampling for DDT                    | /DDE on the North                      | Slope - Ot 600 | ing Location Area  -  - 00  | •-LE  | (2)         | cvidu                                  | 4                    | SAF No.<br>B99-056      | <del></del>         | 1                     |                       | 45                                     | Days I   |
| te Chest No. El 9  | -053                                   | Field          | Logbook No.                 |   |             |  |                      | Method of<br>Federal    | Shipment<br>Express |                       |                       | ······································ | <u>.</u> |
| hipped To<br>TMA/RECRA   |  | Offsite        | Property No.                |   |             |  |                      | Bill of Lad             | ing/Air Bill        | No.                   |                       | -                                      |          |
|  |  |                |                             |   |             | ······································ |                      | COA                     | M                   | 4122                  | 1940                  | · · · · · · · · · · · · · · · · · · ·  |          |
| POSSIBLE SAMPLE HAZAI  | RDS/REMARKS                            |                | Preservation                | Frozen  |             |  |                      |                         |                     |                       |                       |  |          |
|  |  |                | Type of Container           | aG  |             |  |                      |                         |                     |                       |                       |  |          |
| pecial Handling and/or Store<br>All samples are to be frozen prior |  |                | No. of Container(s)  Volume | 500mL   |             |  |                      |                         |                     |                       |                       |  |          |
|  | SAMPLE ANA                             | ALYSIS         |                             | Pest/PCBs -<br>\$081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |             | ·                                      |                      |                         |                     |                       |                       |  | ·        |
| Sample No.   | Matrix *                               | Sample Date    | Sample Time                 |   |             |  |                      | 2 17 5 4 1 7 5 7<br>1   |                     | 5 % 1 \$ <sup>1</sup> | 5 :<br>3 :            |  |          |
| VF60   | Other Solid                            | 5/19/99        | 1400                        | X   |             |  | <del> </del>         |                         | _                   | _                     | _                     | '                                      |          |
|  |  |                |                             |   |             |  | -                    |                         |                     |                       |                       |  |          |
|  | ······································ |                |                             |   |             |  |                      |                         |                     |                       |                       |  |          |
| CHAIN OF POSSESSION  |  | Sign/Prin      |                             |   | Bird        | ia contente fro                        | ckaged in a          | ripioc bags an          | a the contents      | mple bottles. T       | inment is             | Matrix<br>Soil<br>Water                |          |
| linglished By Ded -c   | UCBU 5/06<br>Date/Time                 | Received By    | 5127199 O                   | 430   | 150 LON     | mples<br>m cla<br>ipmen                | stre<br>te c<br>t ti | din<br>F CO             | hus<br>lecto        | r at<br>in w<br>ub. 6 | 3728<br>1411<br>14121 | Vapor<br>Other Solid<br>Other Liquid   |          |
| linquished By  | Date/Time                              | Robal ved By   | . Da                        | (e/Time   | <u> </u>    |  |                      |                         |                     |                       |                       |  |          |
| ABORATORY Received By SECTION                                      |  |                |                             | Title   |             |  |                      |                         |                     |                       |                       | Date/Time                              |          |
| NAL SAMPLE Disposal Met<br>DISPOSITION                             | hod                                    |                |                             |   |             | Dispo                                  | sed By               |                         |                     |                       |                       | Date/Time                              |          |

| Bechtel Hanford  | Inc.  | C             | HAIN OF CUST                | rody/s/  | AMPLI  | E ANAL            | YSIS      | REQUE                     | ST                | B                                    | 99-056-85                    | Page 1 of                                     | 1           |
|--|---|---------------|-----------------------------|--|--|-------------------|-----------|---------------------------|-------------------|--------------------------------------|------------------------------|---|-------------|
| Collector  | Johnson                                     | Comp          | pany Contact<br>ve Weiss    | Telephon<br>372-95   | e No.<br>31                                      |                   |           | Project Coo<br>TRENT, SJ  | rdinator          | Price Code                           | 9N                           | Data Turna                                    |             |
| Project Designation Biological Sampling for DD   | T/DDE on the North S                        | lope - Ot 600 | ling Location Area          | 06 CE  | 20   | -144              | 1)        | SAF No.<br>B99-056        |                   | }                                    |                              | 45 Da   | ays         |
| Ice Chest Nove 4 96  | -053  | Field         | Logbook No.                 |  |  | <u></u>           | ***       | Method of S<br>Federal Ex | hipment<br>cpress | •                                    |                              |   | (           |
| Shipped 76 TMA/RECRA   |   | Offsit        | e Property No.              | <del> </del>   |  |                   |           | Bill of Ladir             | g/Air Bill        | No.                                  |                              |   |             |
|  |   |               |                             |  |  |                   |           | COA                       | M                 | EA 121                               | 71P4C                        | )   |             |
| POSSIBLE SAMPLE HAZA   | ARDS/REMARKS                                |               | Preservation                | Frozen   |  |                   |           |                           |                   |                                      |                              |   |             |
|  |   |               | Type of Container           | aG   |  |                   |           |                           |                   |                                      |                              |   |             |
| Special Handling and/or Stor<br>All samples are to be frozen price   | rage<br>or to shipment to the lab.          |               | No. of Container(s)  Volume | 1<br>500mL   |  |                   | <br>      |                           |                   |                                      |                              |   |             |
|  | SAMPLE ANA                                  | LYSIS         | ·                           | Pcst/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} | <del> , , , , , , , , , , , , , , , , , , </del> |                   |           |                           |                   |                                      |                              |   |             |
| Sample No.   | Matrix *                                    | Sample Date   | Sample Time                 |  | an-tolocki                                       | in to the section |           |                           |                   |                                      | 22.00                        |   |             |
| 30VF58   | Other Solid                                 | 5/19/190      | 1330                        | Y  | <del></del>                                      |                   |           | _                         | -                 |                                      |                              |   | <del></del> |
|  |   |               |                             |  |  |                   |           |                           |                   |                                      |                              |   |             |
|  |   |               |                             |  |  |                   |           |                           |                   |                                      |                              |   |             |
| CHAIN OF POSSESSION  |   | Sign/Pri      | nt Names                    |  | Bird o   |                   | ckaged in | ziploc bags and           |                   | nple bottles, The<br>Overnight shipm |                              | Matrix *                                      |             |
| telinquished By  Duff (L. J. M.  Leighquished By oh 14 Al-   | Date/Time<br>5/25/09 1515<br>1 Date/Time 13 | Received By   | Br PNiekon                  | ate/Time   |  |                   |           |                           |                   |                                      | nd areas.<br>728<br>Shippeda | Water<br>Vapor<br>Other Solid<br>Other Liquid |             |
| SCHOOL REAL REPORT OF THE PROPERTY OF THE PROP | Son 526 49<br>Date/Time                     | Received By   |                             | nte/Time   | -1700<br>100                                     | n lub             | cc of     | 5/26/9                    | भाष्ट्रभा<br>भ    | KIN                                  | Shippup                      | 7   | •           |
| telinquished By  | Date/Time                                   | Received By   |                             | te/Time  |  |                   |           |                           |                   |                                      |                              |   |             |
| LABORATORY Received By SECTION   |   |               |                             | Title  |  |                   |           |                           |                   |                                      |                              | te/Time                                       |             |
| FINAL SAMPLE Disposal M  | ethod                                       |               |                             |  |  | Dispos            | sed By    |                           |                   |                                      | Da                           | te/Time                                       |             |

|  |                            | C                 | HAIN OF CUST              | rody/s   | AMPLE       | E ANAL  | YSIS I      | REQUES                     | T  | B          | 99-056-75     | Page 1 of            | f 1 |
|--|----------------------------|-------------------|---------------------------|--|-------------|---|-------------|----------------------------|--|------------|---------------|----------------------|-----|
| Collector<br>J. Linville                       |                            | 54                | any Contact<br>ENE WLISS  | Telepho  | 3729        | 531   |             | Project Coord<br>FRENT, SJ | inator   | Price Code | 9N            | Data Turns           |     |
| Project Designation Biological Sampling for DI | OT/DDE on the North S      | lope - Ot         | ing Location<br>107) AYRV |  | 11066       | `E  |             | SAF No.<br>399-056         |  |            |               | 45 <sub>.</sub> D    | ays |
| ice Chest No ERC96                             | -053                       |                   | Logbook No.               |  | _ 11.00.0   |   |             | Method of Shi              | pment  | Fed        | 411           | <del></del>          |     |
| Shipped To<br>TMA/RECRA                        |                            | Offsite           | Property No.              | <del></del>  |             | <del>7:                                    </del> |             | Bill of Lading             | /Air Bill N                                      | lo.        |               |                      |     |
|  |                            | - <u></u>         |                           |  | <del></del> |   |             | СОА                        | MD   | 41221      | PYU           |                      |     |
| POSSIBLE SAMPLE HAZ                            | ARDS/REMARKS               |                   | Preservation              | Frozen   |             |   |             |                            |  |            |               |                      |     |
|  |                            |                   | Type of Container         | aG   |             |   |             |                            |  |            |               |                      |     |
|  |                            |                   | No. of Container(s)       | 1  |             |   |             |                            | 1// 3  |            |               |                      |     |
| Special Handling and/or St                     | orage                      |                   | Volume                    | 120g   |             | <b> </b>  |             |                            | Ka   | -          | <u> </u>      |                      |     |
|  | SAMPLE ANA                 | LYSIS             |                           | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |             |   |             |                            |  |            |               |                      |     |
| Sample No.                                     | Matrix *                   | Sample Date       | Sample Time               |  |             |   |             |                            |  |            |               |                      | ,,  |
| 30V9C1   | Other Solid                | 4/20/99           | 1222                      | X.   |             |   |             |                            | <b></b>  |            |               | · -                  |     |
| <u></u>  |                            |                   |                           |  |             | <u> </u>  |             |                            | <del>                                     </del> |            |               |                      |     |
|  |                            |                   |                           |  |             |   |             |                            |  |            |               |                      |     |
| <del></del>                                    |                            |                   |                           | <u> </u>   | SPEC        | IAL INSTR   | L<br>UCTION | <u>s</u> .                 | <u>.                                    </u>     |            | 1             | Matrix *             |     |
| CHAIN OF POSSESSION                            |                            | Sign/Prin         |                           |  | H) 4        | unpus   | Str         | red in                     | tree   | ser of     | 3718          | Soil<br>Water        |     |
| selinquished By Suff K. Jel                    | Date/Time<br>- 5/55/99 154 | w Knich           | eloste Nickin             | 525  | 9 1-10      | m'du  | ted         | Mery                       | 1152   | Silasti    | 1 7100        | Vapor<br>Other Solid |     |
| cknowished by L. A. J. A.                      | Helem 57269                | (3-1) Received By | ed Ex D                   | ate/Time   | 75h         | imer  | Ht f)       | red in<br>Collect<br>Lab   | · 5  | Tin laa    | RN            | Other Liquid         |     |
| elinguished Rv                                 | Date/Time                  | Received By       |                           | oe130  |             |   | . 0         | 0.03                       | 71   | ا داما طو  | .0.           |                      | •   |
| alinquished By                                 | Date/Time                  | Reserved By       |                           | ite/Time   |             |   |             |                            | ٠  |            |               |                      |     |
| LABORATORY Received B SECTION                  | y .                        |                   |                           | Tit  | ile         |   |             | <del> </del>               |  |            | D             | ate/Time             |     |
|  |                            |                   |                           |  |             |   | sed By      |                            |  |            | <del></del> _ | ate/Time             |     |

| Bechtel Hanfor   | rd Inc.                                      | C                       | HAIN OF CUS                 | TODY/SA  | MPLI              | E ANAL          | YSIS                       | REQUEST   | ָר י        | B               | 99-056-31    | Page 1 0                             | (1)         |
|--|--|-------------------------|-----------------------------|--|-------------------|-----------------|----------------------------|---|-------------|-----------------|--------------|--------------------------------------|-------------|
|  | -0 /J. Jinu                                  | life Ster               | any Contact<br>ve Weiss     | Telephon<br>372-95   |                   |                 |                            | Project Coordii<br>TRENT, SJ                      | ator        | Price Code      | 9N           | Data Turn                            |             |
| Project Designation Biological Sampling for D                | DT/DDE on the North                          | Slope - Ot 600          | ing Location<br>Area        |  |                   | <u>-</u>        |                            | SAF No.<br>B99-056                                |             | ļ               |              | 45 D                                 | ays         |
| ce Chest No. ERC   | 96-053                                       | Field I                 | logbook No.                 |  |                   |                 |                            | Method of Ship<br>Federal Expre                   |             | <u> </u>        |              |                                      |             |
| hipped To<br>TMA/RECRA                                       |  | Offsite                 | Property No.                |  | <del></del>       | -               |                            | Bill of Lading/A                                  | ir Bill     | No.             |              |                                      |             |
|  |  |                         |                             |  |                   |                 |                            | COA. M  | EA          | DDIP            | W            |                                      |             |
| Possible sample haz  | ZARDS/REMARKS                                |                         | Preservation                | Frozen   |                   |                 |                            |   |             |                 |              |                                      |             |
|  |  |                         | Type of Container           | aG   |                   |                 |                            |   |             |                 |              |                                      | - "         |
| Special Handling and/or Si<br>All samples are to be frozen p | torage<br>wior to shipment to the lab.       |                         | No. of Container(s)  Volume | 1<br>120mL   |                   |                 |                            | АЧ  |             |                 |              |                                      |             |
|  | SAMPLE AN                                    | <del></del>             |                             | Pest/PCBs -<br>\$0\$1 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |                   |                 |                            |   |             |                 |              |                                      | <del></del> |
| Sample No.   | Matrix *                                     | Sample Date             | Sample Time                 | A COLUMN   | James Alban Bilan | TENENT STATE    | SALL AN                    | 4 54 5.2 4 ( 3. 54 )                              | r u.        |                 |              |                                      | ,           |
| 0V8B4  | Other Solid                                  | 4/15/90                 | 1404                        | Χ  |                   |                 |                            |   |             |                 |              |                                      |             |
|  |  |                         |                             |  |                   |                 |                            |   |             |                 |              |                                      |             |
|  |  |                         |                             |  | <del>,</del>      |                 |                            |   | <del></del> |                 |              |                                      |             |
| CHAIN OF POSSESSION  |  | Sign/Prin               |                             | 15   | Bird o            | e contents from | ckaged in z<br>m eggs shel | iploc bags and plac<br>is and analyze the         | contents.   | Overnight shipe | ent is       | Matrix * Soil Water                  |             |
| diaguished By  Requisted By  Requisted By  Requisted By      | Date/Time    5/05/09/15=   Date/Time   15-76 | 330 Received By         | efu                         | SZ59   | 1 20              | mples<br>mt     | stor                       | frozen. All sample<br>Vedin<br>d Collec<br>Office | HOY<br>HOY  | nura<br>1 unt   | 73788        | Vapor<br>Other Solid<br>Other Liquid |             |
| lisquished By  | Date/Time Date/Time                          | Received By Received By | L 5/27/99                   | ate/Time<br>OLJ 3/O<br>ate/Time                                  | -721/1            | Girien          | i (p                       | Toput   | e i         | LOW F           | o o o public | 7                                    |             |
| ABORATORY Received E<br>SECTION                              | Ву   |                         |                             | Title  |                   |                 |                            | · · · · · ·                                       |             | ·               | D            | ate/Time                             | <del></del> |
| TNAL SAMPLE Disposal DISPOSITION                             | Method                                       |                         |                             |  |                   | Dispo           | sed By                     |   | *           | <del></del>     | Di           | ite/Time                             |             |
|  | ····   |                         |                             |  |                   |                 |                            | <del></del>                                       |             |                 | <del></del>  |                                      |             |

| Bechtel H                                    | anford Inc.   |             | CHAIN OF CUST               | TODY/S   | AMPLI                          | E ANAL         | LYSIS                  | REQUE                      | ST              | B                                     | 9-056-32                                      | Page 1                      | of 1   |
|--|---|-------------|-----------------------------|--|--------------------------------|----------------|------------------------|----------------------------|-----------------|---------------------------------------|---|-----------------------------|--------|
| Collector (1)                                | inville   | - 1         | Company Contact Steve Weiss | Telephon<br>372-95   |                                |                |                        | Project Coor<br>TRENT, SJ  | dinator         | Price Code                            | 9N  | Data Tur                    |        |
| Project Designation                          | g for DDT/DDE on the North                          | Slope - Ot  | Sampling Location 600 Area  | esho   |                                |                |                        | SAF No.<br>B99-056         | <u> </u>        |                                       |   | 45 I                        | Days = |
| Ice Chest No. 4                              | ec96-053  | F           | field Logbook No.           |  |                                |                |                        | Method of Sh<br>Federal Ex | ipment<br>press |                                       |   |                             | 7      |
| Shipped To<br>TMA/RECRA                      |   | C           | Offsite Property No.        |  |                                |                |                        | Bill of Ladin              | g/Air Bill l    | No.                                   |   |                             |        |
|  |   |             |                             |  |                                |                |                        | COA                        | MEAK            | 121P4V                                |   |                             |        |
| POSSIBLE SAMPL                               | E HAZARDS/REMARKS                                   |             | Preservation                | Frozen   |                                |                |                        |                            |                 |                                       |   |                             |        |
|  |   |             | Type of Container           | aG<br>1  |                                |                | <u> </u>               |                            |                 |                                       |   |                             |        |
| Special Handling an<br>All samples are to be | d/or Storage<br>frozen prior to shipment to the lab | <b>).</b>   | No. of Container(s)  Volume | 120mL  |                                |                |                        |                            |                 | A2                                    | -   |                             | •      |
|  | SAMPLE AN   | ALYSIS      |                             | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |                                |                |                        |                            |                 |                                       |   |                             |        |
| Sample No.                                   | Matrix *  | Sample D    | Date Sample Time            |  | e same program.<br>A benkandan |                |                        | N EXER                     |                 | <b>31</b> (100 )                      |   |                             |        |
| 30V8B5                                       | Other Solid   | 4/21/9      | 9 10:56                     | X.   |                                |                |                        |                            |                 |                                       |   |                             |        |
|  |   |             |                             |  |                                |                |                        |                            |                 |                                       |   |                             |        |
| CHAIN OF POSSES                              | SCION   | Sign        | /Print Names                |  | SPEC<br>Bird                   | IAL INSTR      | RUCTION<br>ckaged in 2 | iS<br>ciploc bags and r    | placed in san   | ple bottles. The la                   | ab is to                                      | Matrix *                    |        |
|  | ŀ   |             | :                           | te/Time  | A Lemo                         | e contents fro | un eggs she            | its and analyze f          | he contents     | Overnight shipme<br>ected from non-ra | nt in   | Soil<br>Water<br>Vapor      |        |
| BENEF NAME                                   | Date/Time  J & \$/25/99 1  Pate/Time  Pate/Time     | 4           | Ledly                       | te/Time  |                                | npies<br>m de  | oline<br>ite d         | an                         | 7107            | eval 3<br>with<br>his E               | 728<br>1916a                                  | Other Solid<br>Other Liquid |        |
| alisquished By                               | Date/Time  Date/Time                                | Received By | der 5/27/99 (               | te/Time<br>6430<br>te/Time                                     | -151                           | ymen           | ぴて                     | , affic                    | بالأمكال        | у, <sub>Ю</sub> ю <sup>с</sup>        | 1771  |                             |        |
| LABORATORY Roc<br>SECTION                    | ceived By   |             |                             | Title  |                                | <del></del>    |                        | <del></del>                | <del> </del>    |                                       | De  | te/Time                     |        |
|  | Pisposal Method                                     |             |                             | -t   |                                | Dispo          | osed By                |                            |                 |                                       | Da  | ite/Time                    |        |
|  | <del></del>   |             |                             |  |                                |                |                        |                            |                 | <del></del>                           | <u>,, , , , , , , , , , , , , , , , , , ,</u> |                             |        |

| Bechtel Hanford   | i Inc.   | C              | HAIN OF CUS                 | FODY/S   | AMPLI         | E ANAL   | YSIS                                  | REQUE                                 | ST                             | B:                                      | 99-056-33      | Page 1 of                            | 1           |
|---|--|----------------|-----------------------------|--|---------------|--|---------------------------------------|---------------------------------------|--------------------------------|---|----------------|--------------------------------------|-------------|
| Collector J. Linn   | le   | Ste            | pany Contact<br>ve Weiss    | Telepho<br>372-9   | ne No.<br>531 |  |                                       | Project Coo<br>TRENT, SJ              | rdinator                       | Price Code                              | 9N             | Data Turnar                          |             |
| Project Designation<br>Biological Sampling for DD               | T/DDE on the North                             | Slope - Ot 600 | oling Location O Area       | rses   | 100           |  |                                       | SAF No.<br>B99-056                    |                                |   |                | 45 Da                                | 1 <b>ys</b> |
|   | 96-053   | Field          | Logbook No.                 | <u>, , , , , , , , , , , , , , , , , , , </u>                  |               | ••   | · · · · · · · · · · · · · · · · · · · | Method of S<br>Federal Ex             | press                          | ······                                  | <del>- ,</del> |                                      |             |
| Shipped To ><br>TMA/RECRA                                       |  | Offsit         | e Property No.              | <del>_</del>   |               | <del>"</del>                                     |                                       | Bill of Ladin                         | g/Air Biil                     | No.                                     |                |                                      |             |
|   |  |                |                             |  |               |  |                                       | COA                                   | MBAI                           | 221PK                                   | )              |                                      |             |
| POSSIBLE SAMPLE HAZ   | ARDS/REMARKS                                   |                | Preservation                | Frozen   |               |  |                                       |                                       |                                |   |                |                                      |             |
|   |  |                | Type of Container           | aG   |               |  |                                       |                                       |                                |   |                |                                      |             |
| Special Handling and/or Sto<br>All samples are to be frozen pri | Fâge   |                | No. of Container(s)  Volume | 1<br>120mL   |               |  |                                       |                                       |                                | A3                                      |                |                                      |             |
| 74 Espica et a conteger p.                                      | SAMPLE ANA                                     | ALYSIS         | <u> </u>                    | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |               |  |                                       |                                       |                                |   |                |                                      |             |
| Sample No.  | Matrix *                                       | Sample Date    | Sample Time                 | 100.7/   |               | No titles  |                                       |                                       |                                |   |                |                                      |             |
| 0V8B8   | Other Solid                                    | 4121/99        | 11704                       | X  | ,             |  |                                       |                                       |                                |   |                |                                      |             |
|   |  |                |                             |  |               |  |                                       |                                       |                                |   |                |                                      |             |
|   |  |                |                             |  |               |  |                                       |                                       |                                |   |                |                                      |             |
| CHAIN OF POSSESSION   |  | Sign/Pri       | nt Names                    |  | Rinda         | IAL INSTR<br>eggs will be pa<br>ve contents from | ckaped in                             | zinloc hage and                       | placed in san<br>the contents. | nple bottles, The l<br>Overnight shipme | ab is to       | Matrix * Soil Water                  |             |
| etinquished By  Santo K July  Ethoquished W W I                 | Date/Time  5/36/50 15- Date/Time  5/36/50/57/6 | Received By    | Fed Gx                      | te/Time  | 79 SUU        | mples<br>m da                                    | Stin<br>te y                          | ed in                                 | rees                           | evat 2                                  | 3728           | Vapor<br>Other Solid<br>Other Liquid |             |
| etisquished By  | Date/Time                                      |                | 1307 6                      |  | , 5h          | pmen   | + 0                                   | affre                                 | te di                          | ab. 5146                                | 19 RIN.        |                                      |             |
| elinquished By  LABORATORY Received By                          | Date/Time                                      | Received By    |                             | te/Time<br>Tit   | le            |  | <u> </u>                              | <del></del>                           | <del></del>                    |   | Di             | ate/Time                             |             |
| SECTION FINAL SAMPLE Disposal M                                 | ·  |                | <del>,</del>                |  |               | Diana  | sed By                                | · · · · · · · · · · · · · · · · · · · |                                |   |                | nte/Time                             |             |

| Bechtel Hanford                                | Inc.                        |                         | CHAIN OF CUS                    | FODY/S   | AMPLI       | E ANAL          | YSIS        | REQ              | UEST                       | B                 | 99-056-34                                    | Page 1                      | of 1     |
|--|-----------------------------|-------------------------|---------------------------------|--|-------------|-----------------|-------------|------------------|----------------------------|-------------------|--|-----------------------------|----------|
| Collector). Linuxle                            |                             | Com                     | ipany Contact<br>leve Weiss     | Telephor   | ie No.      |                 |             | Project<br>TRENT | Coordinator                | Price Code        | 9N   | Data Tur                    | parouad  |
| Project Designation Biological Sampling for DD | T/DDE on the North S        | Sam<br>Sope - Ot 60     | pling Location<br>00 Area Horse | ۔ مد ماک   | <del></del> |                 |             | SAF No<br>B99-05 | ).                         | 1                 |  | 45 1                        | Days 🤈   |
| Ico Chart No.                                  | 96-053                      |                         | Logbook No.                     | <u> </u>   | ·           |                 | <del></del> | Method           | of Shipment<br>ral Express |                   |  |                             |          |
| Shipped To<br>TMA/RECRA                        |                             | Offs                    | ite Property No.                |  |             | <del></del>     |             | Bill of I        | lading/Air Bill            | No.               |  |                             |          |
|  |                             | <del></del>             |                                 | *  |             |                 |             | COA              | MEAIZ                      | 21940             |  |                             |          |
| POSSIBLE SAMPLE HAZA                           | RDS/REMARKS                 |                         | Preservation                    | Frozen   | -           |                 |             |                  |                            |                   |  |                             |          |
|  |                             |                         | Type of Container               | aG   |             |                 |             |                  |                            |                   |  |                             |          |
| Special Handling and/or Stor                   |                             |                         | No. of Container(s)  Volume     | t<br>120mL   | **          |                 |             |                  |                            | c1                |  |                             |          |
|  | SAMPLE ANA                  | LYSIS                   | <u> </u>                        | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT] |             |                 |             |                  |                            |                   |  |                             |          |
| Sample No.                                     | Matrix *                    | Sample Date             | Sample Time                     |  |             |                 |             |                  |                            |                   | * * * * * * * * * * * * * * * * * * *        |                             |          |
| 30V8B7   | Other Solid                 | 4/21/9                  | 11:21                           | X  |             |                 | ļ           |                  |                            |                   |  |                             |          |
|  |                             |                         |                                 |  |             | <br>            | -           |                  |                            |                   |  |                             |          |
|  |                             |                         |                                 |  |             |                 |             |                  |                            |                   |  |                             |          |
|  |                             |                         |                                 | <u> </u>   |             | AL INSTR        |             |                  | s and placed in sar        | -1-1              | <u>                                     </u> | Matrix *                    | <u>.</u> |
| CHAIN OF POSSESSION elinquished By             | Date/Time                   |                         | int Names                       | nte/Time   |             |                 |             |                  |                            |                   |  | Soil<br>Water<br>Vapor      |          |
| elpowished to local Da                         | U 5/15/99 1<br>Date/Time 35 | SSAD TOULD  Received By | Melon Filiel                    | SON DE   | Hor<br>From | ample<br>1 date | 5 OI        | nea<br>Dilu      | yon my                     | zer at<br>itil Sh | 3728<br>priveral                             | Other Solid<br>Other Liquid |          |
| elihquished By                                 | Date/Time                   | Received By             | u 5/27/99                       | nte/Time   | 710 (       | Aprite          | . Sat       | ٥٠               | FUN 5/2                    | 6199              |  |                             |          |
| alinquished By                                 | Date/Time                   | Received By             |                                 | te/Time  |             |                 |             |                  |                            |                   |  |                             |          |
| LABORATORY Received By SECTION                 |                             |                         |                                 | Titl   |             |                 |             |                  |                            |                   | D  | ate/Time                    | ···      |
| SECTION  |                             |                         |                                 |  |             |                 |             |                  |                            |                   |  |                             |          |

| on the North Slope - Ot   | Sampli<br>600<br>Field L   | ing Location   | Telephor<br>372-95   | e No.<br>31  | · · · · · · · · · · · · · · · · · · ·  |   | Project Coord  | linator  | Price Code   | 9N  | Data Turnat  | pero.  |
|---|--|--|--|--|--|---|--|--|--|---|--|--|
| on the North Slope - Ot   | 600 Field L  | ing Location<br>Area   |  |  |  |   |  | I  |  |   |  |  |
| 3   |  | ogbook No.   |  |  |  |   | SAF No.<br>B99-056   |  |  |   | 45 Da  | 1 <b>ys</b>  |
|   | Offsite  |  |  |  | <del></del> -  |   | Method of Sh<br>Federal Exp  |  |  |   |  |  |
|   |  | Property No.   |  |  |  |   | Bill of Lading   |  | io.  |   |  |  |
|   | <b>.J</b>  | <del></del>  | <del></del>  |  | <del></del>  |   | COA M  | EA12   | 2194   | 0   |  |  |
| EMARKS  |  | Preservation   | Frozen   |  |  |   |  |  |  |   |  |  |
|   | [  | Type of Container  | aG   |  |  |   |  |  |  |   |  |  |
| nent to the lab.  |  | No. of Container(s)  Volume  | 1<br>120mL   |  |  |   |  |  |  |   |  |  |
| SAMPLE ANALYSIS  Volume  120mL  Pest/PCBs - 8081 (4.4'- DDD, 4.4'- DDE, 4.4'- DDE, 4.4'- DDT)  C5 |  |  |  |  |  |   |  |  |  |   |  |  |
| Aatrix * Sam  | ple Date   | Sample Time  | ecesa  |  |  |   | HIME   |  |  |   | add in the day   |  |
| her Solid 4/1   | 5/99   | 1341   | K  |  |  |   |  |  |  |   |  |  |
|   |  |  |  |  |  |   |  | -  |  |   |  |  |
|   |  |  |  | KPF.C  | TAL INSTR  | UCTION  | S  |  |  |   | Matrix *   | _  |
|   | Sign/Print   | t Names  |  | Bird   | eggs will be pac   | kaged in z  | iploc bags and p   |  |  |   | Soil   |  |
| ate/Time 133D Recei   | ved By   |  |  |  | red. Samples an<br>MARS S<br>M fim   | stru<br>e g   | trozen. All sam<br>Collection  | ples are colle   | ected from non-ri<br>Nat 3<br>Wil Sh   | 728<br>privered   | Vapor<br>Other Solid<br>Other Liquid   |  |
| ate/Time Recei  | x odl  | u 5/27/99  | 0430   |  | yknie  | , me  | ייאר   | 140  | <i>,</i> , ,   |   |  |  |
|   | ·  |  | Title  |  | <del> </del>   |   | <del></del>  | <u> </u>   | <u></u>  | Da  | te/Time  |  |
|   | -  | <del></del>  |  |  | Dispos   | ed By   |  | · ·  |  | Da  | te/Time  |  |
|   | AMPLE ANALYSIS  Matrix * Sam  her Solid 4/19  mate/Time 1830 Received 1820 Received 1830 Received 18 | MAPLE ANALYSIS  Matrix * Sample Date  her Solid 4/15/99  Sign/Print  S/25/99  Ate/Time 1330 Received By  Ate/Time 1330 Received By  Ate/Time Received By  Ate/Time Received By | Preservation Type of Container No. of Container(s) Volume  MAMPLE ANALYSIS  Matrix * Sample Date Sample Time ther Solid 4/15/99 1341  Sign/Print Names S125/99 WHAN WHILLIAM Pate/Time 1320 Received By Flatery ate/Time Received By Flatery ate/Time Received By Flatery Tolky 5/127/99 | Preservation Type of Container  No. of Container(s)  Volume  Pest/PCBs- 8081 (4.4- DDD, 4.4- DDD, 4.4- DDT)  Antrix * Sample Date Sample Time  her Solid 4/15/99 1341  Sign/Print Names  Pate/Time 1320 Received By Fall Sign/Prine  Anter Time Received By Date/Time  Pate/Time Received By Date/Time | Preservation  Type of Container  No. of Container(s)  No. of Container(s)  Pest/PCBs - Sost (4.4- DDD, 4.4- DDD, 4.4- DDT)  Matrix * Sample Date Sample Time  her Solid 4/15/99 1341  Sign/Print Names  Sign/Print | Preservation Type of Container  No. of Container(s)  Volume  120mL  Pet/PCB1- 8081 (44- DDD, 44- DDD, 44- DDD, 44- DDD 44- DDD 44- DDD 44- DDT)  Atrix * Sample Date Sample Time her Solid 4/15/QQ 1341  Sign/Print Names  InterTime 19-30 Paceived By Fall Date/Time her Solid Sign/Print Names  Title  Preservation  Type of Container  aG  SPECIAL INSTR Bird eggs will be paceremove contents from required. Samples and Sign/Print Names  Tate/Time 13-20 Received By Fall Date/Time  Title  Title | Preservation Type of Container  No. of Container(s)  Volume  Pest/PCBs - 8051 (4,4- DDD, 4,4- DDE, 4,4- DDD, 4,5- DDT)  Autrix * Sample Date Sample Time her Solid 4/15/99  Sign/Print Names  Sign/Print Names  Sign/Print Names  Sign/Print Names  Date/Time 45-20 Baceived By Fallow  Autritime Received By Date/Time  The Solum 5/27/99  Sign/Print Names  SPECIAL INSTRUCTION Bird eggs will be packaged in z remove contents from eggs she required. Samples are to remain Sum the Sign/Print Names  Sum the Sign/Print Names  Sum the Sign/Print Names  Special Instruction  Sign/Print Names  Special Instruction  Bird eggs will be packaged in z remove contents from eggs she required. Samples are to remain Sum the Sign of th | Preservation Type of Container  No. of Container(s)  120mL  120mL  AMPLE ANALYSIS  Altrix * Sample Date Sample Time  Per Solid 4/ DDD, 4*- DDT)  Astrix * Sample Date Sample Time  Per Solid 4/ (5/QQ 134]  Sign/Print Names  Per Solid 4/ (5/QQ 134]  Sign/Print Names  Per Solid 5/ QQ 134   Sign/Print Names  Per Solid 6/ DDT/Ime  Per Solid 6/ DDT/Im | Type of Container  Type of Container  No. of Container(s)  Volume  PearPCBs Sost (4-4- DDE 4-4- DDE 4- | Preservation Type of Container No. of Container(s) Volume  Petr/PCB: Bost (4:- DDC, 4:- DDC, | EMARKS  Preservation Type of Container  No. of Container(s) Volume  Provide   Preservation Type of Container a G  No. of Container(s) Volume  Pent/Cai-  Book 4-  

| Bechtel Hanford   | Inc.                      |                | CHAIN OF CUST                          | TODY/SA  | MPLE        | ANAL            | YSIS F            | REQUES   | T              | F              | 199-056-37 | Page 1 of            | 1           |
|---|---------------------------|----------------|--|--|-------------|-----------------|-------------------|--|----------------|----------------|------------|----------------------|-------------|
| Collector J, Linu   | ille                      | St             | pany Contact<br>teve Weiss             | Telephone<br>372-953   | No.<br>1    |                 | <u> </u>          | roject Coord<br>RENT, SJ                             | linator        | Price Code     | 9N         | Data Turns           |             |
| Project Designation<br>Biological Sampling for DD                 | I/DDE on the North Sl     | ope - Ot 60    | pling Location<br>O Area               | PSN-S  | 10          |                 |                   | AF No.<br>99-056                                     |                |                |            | 45 D                 | ays 💆       |
| Ice Chest No. GRC9  | 10-053                    | Field          | Logbook No.                            |  |             |                 | N                 | lethod of Shi<br>Federal Exp                         | ipment<br>ress |                |            |                      |             |
| Shipped Po<br>TMA/RECRA   |                           | Offs           | ite Property No.                       | <del></del>  |             |                 | В                 | ill of Lading  | /Air Bill N    | 0.             |            |                      |             |
|   |                           |                |  |  |             |                 |                   | COA  | MEA            | 122 1          | PYD        |                      |             |
| POSSIBLE SAMPLE HAZA  | RDS/REMARKS               |                | Preservation                           | Frozen   |             |                 |                   |  |                |                |            |                      |             |
|   |                           |                | Type of Container                      | aG   |             |                 |                   |  |                | <u> </u>       |            |                      |             |
| Special Handling and/or Stor<br>All samples are to be frozen prio |                           |                | No. of Container(s)  Volume            | 1<br>120mL   |             | ı               |                   |  | D1             |                |            |                      |             |
|   | SAMPLE ANAI               | LYSIS          | ······································ | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) | ·<br>i      |                 |                   |  |                |                |            |                      |             |
| Sample No.  | Matrix *                  | Sample Date    | Sample Time                            |  |             |                 | 17 (nd har 75)    |  | Participal.    |                |            | 1                    |             |
| 30V8C0  | Other Solid               | 4/20/9         | 19 9:17a                               | Χ_   | <del></del> |                 | <br>              |  |                | -              |            |                      |             |
|   |                           |                |  |  |             |                 |                   | <del> </del>   |                | <del>-</del>   | 11         |                      |             |
|   | ·                         |                |  |  |             |                 |                   |  |                |                |            |                      |             |
|   |                           | <u> </u>       |  | <u> </u>   | SPEC        | AL INSTR        | UCTIONS           |  |                | <u> </u>       | 1 1        | Matrix *             |             |
| CHAIN OF POSSESSION   |                           |                | int Names                              |  | remov       | e contents from | n eggs shells     | loc bags and pl<br>and analyze th<br>rozen. All samp | e contents. C  | vernight ships | rent is    | Soil<br>Weter        | 1           |
| elinquished By  | _ 5/25/99 15 <sup>6</sup> | 10 ENILLY      | liebs Phielone                         | 37549  | FW          | nais            | STON              | edin   | Ne             | ner c          | it         | Vapor<br>Other Solid | ļ           |
| VILLIANUS-IRI   | Vielsin 526.6             | A Keccerved By | Feelex                                 | te i ime   | 372         | 8 from          | n aak             | th Call  | letio          | ~ UN           | 512699     | Other Liquid         |             |
| ethiquished By  | Date/Time                 | Received By    | du 5/27/99                             | te/Time  |             | 9               |                   | 10000  |                |                |            |                      |             |
| olisquished By  | Date/Time                 | Received By    | Da                                     | te/Time  |             |                 |                   |  |                |                |            |                      |             |
| LABORATORY Received By<br>SECTION                                 |                           |                |  | Title  |             |                 | <del></del>       |  |                | <del></del>    | Da         | te/Time              |             |
| FINAL SAMPLE Disposal Me  | thod                      |                |  |  |             | Dispos          | sed By            |  |                |                | Da         | te/Time              |             |
|   |                           | <u> </u>       |  |  |             | <del></del>     | · · · · · · · · · |  |                |                |            |                      | <del></del> |

| Bechtel F                                  | Hanford In      | c.                        |                         | CHAIN OF CUS                | rody/s   | AMPLI         | E ANAL   | YSIS        | REQUES                       | T                        | <b>B</b> 9   | 9-056-38                | Page 1   | of 1     |
|--|-----------------|---------------------------|-------------------------|-----------------------------|--|---------------|--|-------------|------------------------------|--------------------------|--|-------------------------|--|----------|
| Collector                                  |                 | ···                       | Si                      | pany Contact<br>teve Weiss  | Telepho<br>372-9   | ne No.<br>531 |  |             | Project Coord<br>TRENT, SJ   | inator                   | Price Code   | 9N                      |  | rnaround |
| Project Designation<br>Biological Sampli   | ing for DDT/DI  | DE on the North Sl        | ope - Ot 60             | pling Location O Area       | 'SN-0  | D             |  |             | SAF No.<br>B99-056           |                          | !  |                         | 45   | Days 🚆   |
| ice Chest No.                              | EPC96           | -053                      | Field                   | l Logbook No.               |  | <del></del>   |  |             | Method of Shi<br>Federal Exp | pment<br>ress            |  |                         |  |          |
| TM RECRA                                   |                 |                           | Offs                    | ite Property No.            |  |               |  |             | Bill of Lading               | Air Bill N               | lo.  |                         |  |          |
|  |                 |                           |                         |                             |  |               |  |             | COA                          | MEA                      | 122194   | W                       |  |          |
| POSSIBLE SAMP                              | PLE HAZARD      | S/REMARKS                 |                         | Preservation                | Frozen   |               |  |             |                              |                          |  |                         |  |          |
|  |                 |                           |                         | Type of Container           | aG   |               |  |             |                              |                          |  |                         |  |          |
| Special Handling a<br>All samples are to b | and/or Storage  | :<br>whinment to the lah  |                         | No. of Container(s)  Volume | 1<br>120mL   |               |  |             |                              |                          |  |                         |  |          |
|  |                 | SAMPLE ANAI               | .YSIS                   | _ <b>l</b>                  | Pest/PCBs -<br>8081 (4,4*-<br>DDD, 4,4*-<br>DDE, 4,4*-<br>DDT) |               |  |             |                              |                          | Da   |                         | <del></del>                                      |          |
| Sample No                                  | ).              | Matrix *                  | Sample Date             | Sample Time                 |  |               |  |             |                              |                          |  | N. K. L. W.             |  |          |
| 90V8C1                                     |                 | Other Solid               | 4/20/90                 |                             | χ  |               |  |             |                              |                          |  |                         |  |          |
|  |                 |                           |                         |                             |  |               |  |             |                              |                          |  |                         |  |          |
| <u> </u>                                   |                 |                           |                         |                             |  |               |  |             |                              |                          |  |                         |  |          |
| shoulshout By 1                            | y 2 3           | Date/Time<br>-/25/99 1545 | Sign/Pri                | Fedgy  S127199              | te/Time 16<br>h 5   75  <br>te/Time                            | Bird e        | IAL INSTR<br>ggs will be pa<br>re contents fro<br>ed. Samples an<br>MILS S | ckaged in a | ziploc bags and pla          | contents. (les are colle | ple bottles. The la<br>Overnight shipme<br>exted from non-ra<br>VAL3 | b is to int is d areas. | Matrix Soil Water Vapor Other Solid Other Liquid |          |
| alinquished By                             | Decl-           | Date/Time                 | Received By Received By |                             | te/Time<br>693:<br>te/Time                                     | 2 10          | Office   | tel         | elb. RJN                     | 5126                     | 199  |                         | •  |          |
| ABORATORY SECTION                          | Received By     |                           |                         |                             | Tit  | •             | ·  |             |                              |                          | ·. <del> </del>  | Da                      | te/Time  |          |
| INAL SAMPLE                                | Disposal Method |                           |                         |                             | <del></del>  |               | Dispo  | sed By      |                              |                          | ** · · · · · · · · · · · · · · · · · ·                               | Da                      | te/Time  |          |
| FINAL SAMPLE<br>DISPOSITION                | Disposal Method |                           |                         |                             |  |               | Dispo  | sed By      |                              |                          |  | Da                      | te/Time  |          |

| Bechtel Hanfor   | d Inc.                               | C                       | CHAIN OF CUS                           | FODY/S   | AMPLI         | E ANAL                     | YSIS                    | REQUE   | ST                                    | B:                                    | 99-056-39                             | Page 1 of 1                                   |
|--|--------------------------------------|-------------------------|--|--|---------------|----------------------------|-------------------------|---|---------------------------------------|---------------------------------------|---------------------------------------|---|
| Collector Ker Ca   | J. Ynv                               | ille Com                | pany Contact<br>eve Weiss              | Telephor<br>372-95   | ie No.<br>531 | ·                          |                         | Project Coo<br>TRENT, SJ  | rdinator                              | Price Code                            | 9N                                    | Data Turnaround                               |
| Project Designation Biological Sampling for Di               |                                      | Sam                     | oling Location O Area                  | SN-9   | 0             |                            |                         | SAF No.<br>B99-056  |                                       |                                       |                                       | 45 Days                                       |
|  | 96-053                               |                         | Logbook No.                            |  |               |                            |                         | Method of S<br>Federal Ex   | hipment<br>coress                     |                                       | · · · · · · · · · · · · · · · · · · · |   |
| Shipped 70 TMA/RECRA   | - (4-0-5)                            | Onsi                    | te Property No.                        | <del> </del>   | <del></del>   |                            |                         | Bill of Ladir   | · <u> </u>                            | io.                                   | ···                                   | ,   |
|  | ·····                                |                         |  | · · · · · · · · · · · · · · · · · · ·                          |               |                            |                         | COA   | MEA                                   | 122 191                               | 10                                    |   |
| POSSIBLE SAMPLE HAZ  | ARDS/REMARKS                         |                         | Preservation                           | Frozen   |               |                            |                         |   |                                       |                                       |                                       |   |
|  |                                      |                         | Type of Container                      | <b>a</b> G   |               |                            |                         |   |                                       |                                       |                                       |   |
| Special Handling and/or St<br>All samples are to be frozen p | orage<br>for to shipment to the lab. |                         | No. of Container(s)  Volume            | 1<br>120mL   |               |                            |                         |   |                                       |                                       |                                       |   |
|  | SAMPLE ANA                           | LYSIS                   |  | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |               |                            |                         |   |                                       |                                       |                                       |   |
| Sample No.   | Matrix *                             | Sample Date             | Sample Time                            | NEW Y  |               |                            |                         |   |                                       |                                       |                                       |   |
| B0V8C2   | Other Solid                          | 4120190                 | 9 0934                                 | _ X  |               |                            | -                       |   | -                                     |                                       |                                       | ·   |
|  |                                      |                         |  |  |               |                            |                         |   |                                       |                                       |                                       |   |
| <del></del>  |                                      |                         |  |  | <u></u>       |                            |                         |   | <del> </del>                          |                                       |                                       |   |
| CHAIN OF POSSESSION  |                                      | Sign/Pri                | nt Names                               |  | Bird e        | AL INSTR<br>ggs will be pa | ickaged in              | ziploc bags and   | placed in sam                         | ple bottles. The I                    | ab is to                              | Matrix *                                      |
| Relinquished By  Perify K. L.                                |                                      |                         | 116 pt 1/4 nielso                      |  | require       | e contents from            | m eggs sn<br>re to rema | iells and analyzo<br>in frozen, All sac<br>led W<br>COILLET<br>Ub. RJ | mples are colle                       | ected from non-ri                     | 3728                                  | Water<br>Vapor<br>Other Solid<br>Other Liquid |
| STITITIVE-IKA  | Jielson 526                          | Received By             | red up                                 | te/Time  | _fror         | n dat                      | lb.                     | Collect   | ישאר ה                                | lnuti 13h                             | ipment                                | Other Edges                                   |
| Relinquished By Decle  | Date/Time  Date/Time                 | Received By Received By | en 5/27/99                             | te/Time<br>0920)<br>te/Time                                    |               | offsite                    | ! 90                    | 46. KJ  | N 2166                                | 199                                   |                                       |   |
| :  |                                      |                         |  | Tiele  |               |                            |                         |   | ·                                     |                                       |                                       | te/Time                                       |
| SECTION Received B   | ·                                    |                         | ······································ | 1 (11)   | <u> </u>      |                            |                         |   | · · · · · · · · · · · · · · · · · · · | · · · · · · · · · · · · · · · · · · · |                                       |   |
| FINAL SAMPLE Disposal I<br>DISPOSITION                       | Method                               | — ··-                   |  | <u> </u>   |               | Dispo                      | sed By                  |   |                                       | <del></del>                           | Da                                    | te/Time                                       |
| **   | <u> </u>                             |                         |  |  |               |                            |                         |   |                                       |                                       |                                       |   |

| Bechtel Hanford  | Inc.                               | C                       | HAIN OF CUS  | TODY/S   | AMPL                 | E ANAL  | YSIS                               | REQUE                                    | ST                | B                   | 99-056-40 | Page 1 of 1                          |
|--|------------------------------------|-------------------------|--|--|----------------------|---|------------------------------------|--|-------------------|---------------------|-----------|--------------------------------------|
| Collector Ken Gan  | ~0/J.Lin                           | ill Comp                | pany Contact<br>eve Weiss  | Telephon<br>372-95   |                      |   |                                    | Project Coo<br>TRENT, SJ                 | rdinator          | Price Code          | 9N        | Data Turnaro                         |
| Project Designation Biological Sampling for DD                     |                                    | Samp                    | ling Location Area   | N-90   | )                    |   |                                    | SAF No.<br>B99-056                       |                   | 1                   |           | 45 Day                               |
| ice Chest No. GRC  | 94-053                             | Field                   | Logbook No.  |  |                      |   |                                    | Method of S<br>Federal Ex                | hipment<br>spress | <u> </u>            |           |                                      |
| Shipped To<br>TMA RECRA  |                                    | Offsio                  | e Property No.   |  |                      | , <del>" ,</del>                                    |                                    | Bill of Ladin                            | g/Air Bill        | No.                 |           |                                      |
|  |                                    | <del></del>             |  |  |                      |   |                                    | COA                                      | ME                | A1221P              | 40        |                                      |
| POSSIBLE SAMPLE HAZA   | ARDS/REMARKS                       |                         | Preservation   | Frozen   |                      |   |                                    |  |                   |                     |           |                                      |
|  |                                    |                         | Type of Container  | aG   |                      |   |                                    |  |                   |                     |           |                                      |
| Special Handling and/or Stor<br>All samples are to be frozen prior | rage<br>or to shipment to the lab. |                         | No. of Container(s)  Volume  | 1<br> 20mL   |                      |   | !<br> <br>                         |  |                   |                     |           |                                      |
|  | SAMPLE ANA                         | LYSIS                   | <u> </u>   | Pest/PCBs -<br>808  {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |                      |   |                                    |  |                   | E1                  |           |                                      |
| Sample No.   | Matrix *                           | Sample Date             | Sample Time  | MENIE  | THE THE TANK         |   |                                    |  | W. C.F            |                     |           |                                      |
| B0V8C3   | Other Solid                        | 4/20/9                  | १ ०१।७   | X  |                      |   |                                    |  |                   |                     |           |                                      |
|  |                                    |                         |  |  |                      |   |                                    |  |                   |                     |           |                                      |
|  |                                    |                         |  |  |                      |   |                                    |  |                   |                     | <br>  ·   |                                      |
| CHAIN OF POSSESSION  |                                    | Siga/Pri                | nt Names   | ······································                         | SPEC<br>Bird<br>remo | CIAL INSTRU<br>eggs will be pac<br>ve contents from | UCTION<br>kaged in a<br>n eggs she | iS<br>ziploc bags and<br>ils and analyze | placed in san     | nple bottles. The l | ab is to  | Matrix * Soil Water                  |
| telinquished By  | Date/Time  S/25/99 6  Place/Time   | Repeived By Received By | Fedures  5/27/99  Delivery Del | nte/Time   | 7 20                 | Myples and<br>Myples<br>a Nata                      | Str                                | dnj                                      | Wyll              | 04 372              | al areas. | Vapor<br>Other Solid<br>Other Liquid |
| Editorished By   | Date/Time                          | Received By             | team Di  | ate/Time   | -1707<br>-(11)       | MAST  | 7) W                               | 1 120001<br>16 51                        | いいけん              | 13huph              | uno       |                                      |
| Ded e  | Date/Time                          | Received By             | n 5/27/99 Di   | oggo<br>ate/Time   | - ``                 |   | ~ / W                              | ツ・ンド                                     | APEL I            | N10                 |           |                                      |
| LABORATORY Received By SECTION                                     | <u> </u>                           |                         |  | Tide   |                      |   |                                    | ··················                       |                   |                     | Da        | nte/Time                             |
| FINAL SAMPLE Disposal Me   | ethod                              |                         |  |  |                      | Dispos  | sed By                             |  |                   |                     | Da        | ate/Time                             |
| 3  | <u> </u>                           |                         |  |  |                      | <del></del>   |                                    | ·  | <del></del>       |                     | ····      |                                      |

| Bechtel Hanford   | Înc.                | C               | HAIN OF CUS                 | FODY/S   | AMPLI         | E ANAL           | YSIS        | REQUES                       | T            | B9   | 9-056-41 | Page 1                        | of Table |
|---|---------------------|-----------------|-----------------------------|--|---------------|------------------|-------------|------------------------------|--------------|--|----------|-------------------------------|----------|
| Collector J. Linv   | ille                | Comp            | oany Contact<br>ve Weiss    | Telepho<br>372-9   | ne No.<br>531 |                  |             | Project Coord<br>TRENT, SJ   | inator       | Price Code   | 9N       |                               | Paronag  |
| Project Designation Biological Sampling for DDI                   |                     | ope - Ot 600    | ling Location Area PSN-9    | 37   |               |                  |             | SAF No.<br>B99-056           |              | ]  |          | 45]                           | Days <   |
| Ice Chest No. 40  | 96-053              | Field           | Logbook No.                 | <u> </u>   |               |                  |             | Method of Shi<br>Federal Exp | pment        |  |          |                               |          |
| Shipped 76<br>TMA/RECRA   | 2.4 077             | Offsit          | e Property No.              |  |               |                  |             | Bill of Lading               |              | No.  |          | ···                           |          |
|   |                     |                 |                             |  |               |                  |             | COA                          | ME           | A1221  | PHU      |                               |          |
| POSSIBLE SAMPLE HAZA  | RDS/REMARKS         |                 | Preservation                | Frozen   |               |                  |             |                              |              |  |          |                               |          |
| ,   |                     |                 | Type of Container           | æG   |               |                  |             |                              |              |  |          |                               |          |
| Special Handling and/or Stor<br>All samples are to be frozen prio | age                 |                 | No. of Container(s)  Volume | 1<br>120mL   |               |                  |             |                              |              |  |          |                               |          |
|   | SAMPLE ANA          | LYSIS           |                             | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |                  |             |                              |              | E2   |          |                               |          |
| Sample No.  | Matrix *            | Sample Date     | Sample Time                 |  |               | Maria            |             |                              |              |  |          | e dans e                      |          |
| B0V8C4  | Other Solid         | 4/20199         | 1 0930                      | X  |               |                  |             |                              |              |  |          |                               |          |
|   |                     |                 |                             |  | -             |                  | ļ           |                              | <del> </del> |  |          |                               |          |
|   |                     | !<br>           |                             |  |               |                  |             |                              | <u> </u>     |  |          |                               |          |
|   |                     |                 |                             |  |               |                  |             |                              | -            |  |          |                               |          |
| CHAIN OF POSSESSION  telinquished By                              | Date/Time           | Sign/Prin       | al Mido                     | ate/Time 15  | Bird o        | ve contents from | ckaged in a | ziploc bags and pl           | e contents   | nple bottles. The la<br>Overnight shipme<br>lected from non-ra | nt is    | Matrix Soil<br>Water<br>Vapor |          |
| enierias knice  | 5 26 49°            | C Received by F | es is                       | ite/Time   |               |                  | te g        | Collect                      |              | until<br>16.576/   | 79 PN    | Other Solid<br>Other Liquid   |          |
| Relinquished By Relinquished By                                   | Date/Time Date/Time | Received By     | orle 5/27                   | te/Time<br>199 09<br>ate/Time                                  | 30            | ~ · · · · ·      | <i>-</i> 1  | Mhn                          | - v ·        | V - 11-2   |          |                               |          |
| LABORATORY Received By SECTION                                    |                     |                 |                             | Tit  | le            |                  | <u></u> .   |                              |              |  | D.       | ate/Time                      |          |
| FINAL SAMPLE Disposal Mo<br>DISPOSITION                           | thod                |                 |                             | ,  |               | Dispo            | sed By      |                              |              | •  | D        | ate/Time                      |          |

| arm istuusea                                  | itora inc.                                      | C                       | HAIN OF CUS                 | TODY/S  | SAMPL           | E ANAL                             | <b>YSIS</b>                                  | REQUE   | ST            | B  | 99-056-42 | Page 1 of                            | 1     |
|---|---|-------------------------|-----------------------------|---|-----------------|------------------------------------|--|---|---------------|--|-----------|--------------------------------------|-------|
| Collector Co                                  | Innill an                                       | be Comp                 | pany Contact<br>ve Weiss    | Telepho<br>372-9  | one No.<br>9531 |                                    |  | Project Coo<br>TRENT, SJ                              | rdinator      | Price Code   | 9N        | Data Turna                           |       |
| Project Designation<br>Biological Sampling fo | or DDT/DDE on the North Si                      | lope - Ot Samp          | ling Location Area PSA      | 1-90  | <del>-</del>    |                                    |  | SAF No.<br>B99-056                                    |               |  |           | 45 Da                                | ays 🚡 |
|   | ERC96-053                                       | Field                   | Logbook No.                 |   | <del></del>     | <del></del>                        |  | Method of S<br>Federal E                              | xpress        |  |           |                                      |       |
| Shipped To<br>TMA RECRA                       |   | Öffsit                  | e Property No.              |   |                 |                                    |  | Bill of Ladi  | ng/Air Bill i | No.  |           |                                      |       |
|   |   |                         |                             |   |                 |                                    |  | COA   | MEX           | +1221f   | )4O       |                                      |       |
| POSSIBLE SAMPLE                               | HAZARDS/REMARKS                                 |                         | Preservation                | Frozen  |                 |                                    |  |   |               |  |           |                                      |       |
|   |   |                         | Type of Container           | aG  |                 | <del> </del>                       |  | _   |               |  | -         | <br>                                 |       |
| Special Handling and/o                        | or Storage<br>zen prior to shipment to the lab. |                         | No. of Container(s)  Volume | 120mL   |                 |                                    |  |   |               |  |           |                                      |       |
|   | SAMPLE ANA                                      | LYSIS                   |                             | Pest/PCBs -<br>\$081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |                 |                                    |  |   |               | <b>E</b> 3   |           |                                      |       |
| Sample No.                                    | Matrix *  | Sample Date             | Sample Time                 |   |                 |                                    | 1 PESO                                       |   |               |  |           |                                      |       |
| 30V8C5  | Other Solid                                     | 4/20/19                 | 0939                        | Κ   |                 |                                    |  |   |               |  |           | ,                                    |       |
| -   |   |                         |                             |   |                 |                                    |  |   |               |  |           |                                      |       |
|   |   |                         |                             |   |                 |                                    |  |   |               |  |           |                                      |       |
| CHAIN OF POSSESSI                             | ON Date/Time                                    | Sign/Priz               | nt Names                    | ate/Time  | Bird remove     | ve contents fro<br>red. Samples at | ackaged in z<br>om eggs shel<br>re to remain | iploc bags and<br>lls and analyze<br>i frozen. All sa | the contents. | nple bottles. The l<br>Overnight shipme<br>ected from non-re | ent is    | Matrix * Soil Water                  |       |
| Anguiste By R                                 | Date/Time 133<br>MY 1900 5-21-49                | Received By Received By | NIERO JK. NIER              | SN52  | 51999<br>150    | Myles<br>Millet                    | ster.  | ed in   | ion t         | ev at  | 3728      | Vapor<br>Other Solid<br>Other Liquid |       |
| elinguished By                                | Date/Time  Cl-eu  Date/Time                     |                         | er 5/27/99                  | ate/Time<br>0930<br>ate/Time                                    | -Sh             | ymen                               | 才代   | ) offe  | ite J         | iuch<br>ab.574   | eagest    | )                                    |       |
| LABORATORY Receiv                             |   |                         |                             | Tie   | ic .            |                                    |  |   |               |  | Da        | nte/Time                             |       |
| SECTION                                       | osa) Method                                     | <del></del> _           |                             |   |                 | Dispo                              | sed By                                       |   | <u> </u>      |  |           | ite/Time                             |       |
| DISPOSITION                                   | ALEVERONE                                       |                         |                             | <del></del>   |                 |                                    | ,  |   | ·<br>         | <del></del>  |           |                                      |       |
| in<br>In                                      | ·   |                         |                             |   | •               |                                    |  |   |               |  |           |                                      |       |

| Bechtel Hanford   | Inc.                 | CI                      | HAIN OF CUS                 | FODY/SA   | MPL         | E ANAL          | YSIS   | REQUE                      | ST                          | <b>B</b> 9         | 9-056-43          | Page 1                               | of 1        |
|---|----------------------|-------------------------|-----------------------------|---|-------------|-----------------|--------|----------------------------|-----------------------------|--------------------|-------------------|--------------------------------------|-------------|
| Collector Kew Ga  | - J. Un              | VILL Comp               | any Contact<br>ve Weiss     | Telephon<br>372-95  | e No.<br>31 |                 |        | Project Coor<br>TRENT, SJ  | dinator                     | Price Code         | 9N                | Data Tui                             |             |
| Project Designation Biological Sampling for DD                          | T/DDE on the North S | lope - Ot 600           | ing Location Area           | 5N-91   | )           |                 |        | SAF No.<br>B99-056         | $\mathbb{Z}$                |                    |                   | 45                                   | Days 😙      |
| ce Chest No. GRCO   | 16-053               | Field I                 | Logbook No.                 | <u> </u>  |             |                 |        | Method of Sh<br>Federal Ex |                             |                    |                   | <del></del>                          | 7           |
| ihipped Po<br>TMARECRA  |                      | Offsite                 | Property No.                | <del></del>   |             |                 | l      | Bill of Lading             | /Air Bill N                 | io.                |                   |                                      | ···         |
|   |                      |                         |                             |   |             |                 |        | COA                        | MEA                         | 122   Pi           | D                 |                                      |             |
| POSSIBLE SAMPLE HAZA  | RDS/REMARKS          |                         | Preservation                | Frozen  |             | ·               |        |                            |                             |                    |                   |                                      |             |
|   |                      |                         | Type of Container           | aG  |             |                 |        |                            |                             |                    |                   |                                      |             |
| Special Handling and/or Stor<br>All samples are to be frozen prio       |                      |                         | No. of Container(s)  Volume | 1<br>120mL  |             |                 |        |                            |                             | F1                 |                   |                                      |             |
|   | SAMPLE ANA           | LYSIS                   |                             | Pes/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |             |                 |        |                            | ,                           |                    |                   |                                      |             |
| Sample No.  | Matrix *             | Sample Date             | Sample Time                 |   | EG 7/13     | HEAVY           |        |                            |                             |                    |                   |                                      | i q         |
| 0V8C6   | Other Solid          | 4/20/99                 | 0972                        | X   |             |                 |        |                            |                             |                    |                   |                                      |             |
|   |                      |                         |                             |   |             |                 |        |                            |                             |                    |                   |                                      |             |
|   |                      |                         |                             |   | <u> </u>    |                 |        | <del> </del>               | <del> </del>                |                    |                   |                                      | 7           |
| CHAIN OF POSSESSION   |                      | Sign/Prin               | t Names                     |   |             | IAL INSTR       |        |                            | laced in sample contents. ( | ple bottles. The l | nb is to<br>nt is | Matrix Soil Water                    |             |
| CHAIN OF POSSESSION  slinquished By  Requished By  Simplified By  7 ccl | Date/Time   3        | Received By Received By | helc tends                  | h5/25/0<br>hte/Time   | 7 700       | MPUS<br>Vidusti | Siri   | d hu<br>Collecti           | Jury<br>on i                | ntil sin           | 728<br>pmon       | Vapor<br>Other Solid<br>Other Liquid |             |
| Simplished By Ted   | Date/Time            | Received By             | adr 5/27/                   | ite/Time  | 10          | official        | eJa    | b. 5[i                     | 41019                       | RON                | 1                 |                                      |             |
| diaquished By   | Date/Time            | Received By             | Da                          | te/Time   |             |                 |        |                            |                             |                    |                   |                                      | į           |
| ABORATORY Received By SECTION   |                      |                         |                             | Title   |             |                 |        |                            |                             |                    | D                 | ate/Time                             |             |
| TNAL SAMPLE Disposal Me<br>DISPOSITION                                  | ethod                | _ <del></del>           |                             |   |             | Dispos          | sed By |                            | <u> </u>                    |                    | D                 | ate/Time                             |             |
| *   | ···                  | ·                       |                             |   |             |                 |        | <del></del>                | - ,                         |                    |                   |                                      | <del></del> |

| Bechtel Hanford   | l Inc.                        | C                                     | HAIN OF CUST                | rody/s   | AMPL          | E ANAL  | YSIS                       | REQUES  | ST                            | B   | 99-056-44        | Page 1 of 1                          |
|---|-------------------------------|---------------------------------------|-----------------------------|--|---------------|---|----------------------------|---|-------------------------------|---|------------------|--------------------------------------|
| Collector J. Lini   | ille                          |                                       | any Contact                 | Telepho<br>372-9   | ne No.<br>531 |   | <del></del>                | Project Coor<br>TRENT, SJ                         | dinator                       | Price Code                                    | 9N               | Data Turnaros                        |
| Project Designation   | OT/DDE on the North Slope - ( |                                       | ing Location Area PSN-      | 90   |               | <del></del>                                     |                            | SAF No.<br>B99-056                                |                               |   |                  | 45 Day                               |
| Ice Chest No. ERCG  | 6-053                         | Field 1                               | Logbook No.                 | ·  | -             |   |                            | Method of Sh<br>Federal Ex                        | ipment<br>press               | <u> </u>                                      |                  | ·                                    |
| Shipped TO<br>TMA RECRA   |                               | Offsite                               | Property No.                | <del></del>  |               | , <b>u.</b>                                     |                            | Bill of Lading                                    | /Air Bill l                   | No.   | <del></del>      |                                      |
|   |                               | · · · · · · · · · · · · · · · · · · · |                             |  |               |   |                            | COA   | Mŧ                            | 3A 122  | P40              |                                      |
| POSSIBLE SAMPLE HAZA  | ARDS/REMARKS                  |                                       | Preservation                | Frozen   |               |   |                            |   |                               |   |                  |                                      |
|   |                               |                                       | Type of Container           | aG   |               |   |                            |   |                               |   |                  |                                      |
| Special Handling and/or Sto<br>All samples are to be frozen pri |                               |                                       | No. of Container(s)  Volume | 1<br>120mL   | li.           |   |                            |   |                               | FZ  |                  |                                      |
|   | SAMPLE ANALYSIS               |                                       |                             | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |   |                            |   |                               |   |                  |                                      |
| Sample No.  | Matrix *                      | Sample Date                           | Sample Time                 |  |               |   |                            |   | ्राज्यात् क्षा                |   | 41               |                                      |
| B0V8C7  | Other Solid 4/                | 20/90                                 | 0928                        | _X_  |               |   |                            |   |                               |   |                  |                                      |
|   |                               |                                       |                             |  |               |   |                            |   |                               |   |                  |                                      |
| CHAIN OF POSSESSION   |                               | Sign/Prin                             | •                           |  | Bird remo     | ve contents from                                | ickaged in a<br>m eggs she | ziploc bags and p                                 | ne contents.                  | ple bottles. The !                            | ent is           | Matrix * Soil Water                  |
| telinquished By  Leftquished By  Leftquished By  Leftquished By | Jiels v 5-26-94 R             | eceived By                            | Fed W                       | te/Time (S) te/Time te/Time                                    | From to       | red. Samples ar<br>Mplis S<br>Natel<br>Official | Anned<br>Anned<br>A CC     | n frozen. All sam<br>In the<br>ection<br>b. 5/Zer | ples are coll<br>UNTil<br>199 | ected from non-ra<br>at 3728<br>Shipmi<br>RIN | nd areas.<br>Put | Vapor<br>Other Solid<br>Other Liquid |
| n and a   |                               | ~! <i>[]</i> ///                      | M > 7/67/99                 |  | <b>-</b>      | V   |                            |   |                               |   |                  |                                      |
|   | Date/Time R                   | ccited By                             | Da                          | te/Time  |               |   |                            |   |                               | <b></b>                                       |                  |                                      |
| Deel e  LABORATORY Received By  SECTION                         | Date/Time R                   | sceived By                            | Da                          | te/Time<br>Titl  | •             | <del></del>                                     |                            |   |                               | ·   |                  | Date/Time                            |

| Becntel Hällior  | d Inc.                               | C                                     | HAIN OF CUS                 | FODY/SA  | MPLI        | E ANAL          | YSIS                      | REQUE                              | ST                | !<br>!                                | B99-056-45      | Page 1              | of 1 }      |
|--|--------------------------------------|---------------------------------------|-----------------------------|--|-------------|-----------------|---------------------------|------------------------------------|-------------------|---------------------------------------|-----------------|---------------------|-------------|
| Collector J.Lii  | nville                               | Comp                                  | pany Contact<br>ve Weiss    | Telephone<br>372-953   | No.         |                 |                           | Project Coo<br>TRENT, SJ           | rdinator          | Price Cod                             | e 9N            | Data Turi           | paround     |
| roject Designation Biological Sampling for DI                  |                                      | c-Ot Samp                             | Ning Location O Area PSN    | 1-90   |             |                 |                           | SAF No.<br>B99-056                 |                   |                                       |                 | 45 I                | )ays        |
| ce Chest No. GRC 9   | 4-053                                | Field                                 | Logbook No.                 |  |             |                 |                           | Method of S<br>Federal E           | hipment<br>xpress | · · · · · · · · · · · · · · · · · · · |                 |                     |             |
| hipped To-<br>TMA(RECRA)                                       |                                      | Offsi                                 | e Property No.              |  | <del></del> |                 |                           | Bill of Ladio                      | ig/Air Bill N     | io.                                   | <del> </del>    |                     |             |
|  |                                      |                                       |                             |  | <del></del> |                 |                           | COA                                | Mex               | +122 1                                | P40             |                     |             |
| POSSIBLE SAMPLE HAZ  | ARDS/REMARKS                         | · · · · · · · · · · · · · · · · · · · | Preservation                | Frozen   |             |                 |                           |                                    |                   |                                       |                 |                     |             |
|  |                                      | •                                     | Type of Container           | aG   |             |                 |                           |                                    |                   |                                       |                 |                     |             |
| Special Handling and/or Sto<br>All samples are to be frozen pr | orage<br>for to shipment to the lab. |                                       | No. of Container(s)  Volume | 1<br>120mL   |             |                 |                           |                                    | F3                |                                       |                 |                     |             |
|  | SAMPLE ANALY                         | 'SIS                                  |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |             |                 |                           |                                    |                   |                                       |                 |                     |             |
| Sample No.   | Matrix *                             | Sample Date                           | Sample Time                 |  |             | TAC THE         |                           |                                    |                   |                                       |                 |                     | ***         |
| V8C8   | Other Solid                          | 4/20/99                               | ४ ७१५०                      | X  |             |                 | <del> </del>              |                                    |                   |                                       |                 |                     |             |
|  |                                      |                                       |                             |  |             |                 |                           |                                    |                   |                                       |                 |                     |             |
|  |                                      |                                       |                             |  |             |                 |                           |                                    |                   | +                                     |                 |                     | ·           |
| CHAIN OF POSSESSION  |                                      | Sign/Pri                              | _                           | •  | Bird e      | e contents from | ckaged in :<br>m eggs she | ziploc bags and<br>dis and analyze | the contents. (   | )vernight ship                        | ment is         | Matrix * Soil Water |             |
| inquished By   | Date/Time<br>1 5/25/PM 15:45         | - ROWN                                | POR RNICK                   | nSlsal   | C Consis    | ad Complee o    | ne to nemai               | n fraven Allen                     | males ere calle   | rtad from not                         | Lord areas      |                     |             |
| ZUSANOR PRIN   | New 5-26-99                          | Received By                           | ed Exp                      | ite/1 ime  | 170         | m dat           | LOX                       | Collecti                           | on wh             | til SI                                | 3728<br>hipment | - Other Liquid      |             |
| inquished By Declaring   | Date/Time  Date/Time                 | Received By Received By               | n 5/27/99                   | te/Time<br>0930<br>te/Time                                     | 10          | aktin           | للهلانة                   | שום שני                            | w 1414[           | KIN                                   |                 |                     |             |
|  |                                      | <u> </u>                              |                             | Title  |             | <del></del> _   |                           |                                    | <u></u>           | <del></del>                           | D               | ate/Time            | <del></del> |
| ABORATORY Received By<br>SECTION                               |                                      |                                       |                             |  |             |                 |                           |                                    |                   |                                       |                 |                     |             |

| Bechtel Hanford  | Inc.                               | C                       | HAIN OF CUS                 | TODY/S   | AMPL            | E ANAL          | YSIS                       | REQUE                                 | ST   | B:                                    | 99-056-46        | Page 1  | # 1]}                                 |
|--|------------------------------------|-------------------------|-----------------------------|--|-----------------|-----------------|----------------------------|---------------------------------------|--|---------------------------------------|------------------|---|---------------------------------------|
| Collector Con  | s/J.Linii                          | le Comp                 | oany Contact<br>ve Weiss    | Telephor<br>372-95   | e No.<br>31     |                 |                            | Project Coor<br>TRENT, SJ             | rdinator                                   | Price Code                            | 9N               | Data Turi   | <del>-</del>                          |
| Project Designation<br>Biological Sampling for DD                    | T/DDE on the North Slop            | pe - Ot Samp            | ling Location Area PS       | N-01   |                 |                 |                            | SAF No.<br>B99-056                    |  |                                       |                  | 45 I  | )ays \                                |
|  | 6-053                              | _                       | Logbook No.                 |  |                 | <del></del>     |                            | Method of SI<br>Federal Ex            |  |                                       |                  |   |                                       |
| Shipped 70<br>TMAIRECRA  |                                    | Offsit                  | e Property No.              |  |                 |                 |                            | Bill of Ladin                         | g/Air Bill i                               | No.                                   |                  |   |                                       |
|  |                                    |                         |                             |  |                 |                 |                            | COA                                   | MEA  | 122 IF                                | 40               |   |                                       |
| POSSIBLE SAMPLE HAZA   | ARDS/REMARKS                       |                         | Preservation                | Frozen   |                 |                 |                            |                                       |  |                                       |                  |   |                                       |
|  |                                    |                         | Type of Container           | aG   |                 |                 | <del> </del>               |                                       |  |                                       | <del> </del>     |   |                                       |
| Special Handling and/or Stor<br>All samples are to be frozen price   | rage<br>or to shipment to the lab. |                         | No. of Container(s)  Volume | 120mL  |                 |                 |                            |                                       |  | G1                                    |                  |   |                                       |
|  | SAMPLE ANALY                       | YSIS                    |                             | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |                 |                 |                            |                                       |  |                                       |                  |   |                                       |
| Sample No.   | Matrix *                           | Sample Date             | Sample Time                 |  |                 | 25.52           |                            | MESSE                                 | NEXX.                                      | W Elst                                |                  | Mar.  |                                       |
| 30V8C9   | Other Solid                        | 4/20/96                 | १ ।०२२                      | V  |                 |                 |                            |                                       |  |                                       |                  |   | · · · · · · · · · · · · · · · · · · · |
|  |                                    |                         |                             |  |                 |                 |                            |                                       |  |                                       |                  |   |                                       |
| CHAIN OF POSSESSION  |                                    | Stew (Date              | 4 No.                       |  |                 | IAL INSTR       |                            |                                       |  | ple bottles. The la                   |                  | Matrix *  |                                       |
| olimpuished By   | Date/Time // 5/75/99 15-14         | Recoved By Recolved By  | By F. Nielson               | ate/Time   | remov<br>Jequit | e contents from | m eggs she<br>re to remain | ils and analyze to<br>frozen. All sam | he contents. (<br>uples are coll<br>UNUL ( | Overnight shipme<br>ected from non-ra | ent is a dareas. | Soil<br>Water<br>Vapor<br>Other Solid<br>Other Liquid |                                       |
| chquished By  CNUSON KUNDUNCU  clinquished By  Cell-  clinquished By | Date/Time Date/Time Date/Time      | Received By Received By | u 5/27/99                   | te/Time  |                 | Lete (          | lab.                       | 5/26/0                                | 19 FJ1                                     | prient                                | 10               |   |                                       |
| ABORATORY Received By SECTION  |                                    | <u> </u>                | <u>–</u>                    | Title  |                 | ·               |                            | <del></del>                           | <del></del>                                | <del></del>                           | Di               | te/Time   |                                       |
| TINAL SAMPLE Disposal Me<br>DISPOSITION                              | sthod                              |                         |                             | <u>.                                    </u>                   |                 | Dispo           | sed By                     | <del></del>                           |  |                                       | Da               | te/Time   |                                       |
| i conton   | <u> </u>                           |                         |                             | · <u>-</u>   |                 |                 |                            |                                       |  | <del></del>                           | <del></del> _    |   |                                       |

| Bechtel Hanfor   | d Inc.                               |             | СНА                | IN OF CUST                 | FODY/S  | AMPI          | LE ANAL           | YSIS       | REQUES                      | ST            | В9   | 9-056-50    | Page 1  | A 1    |
|--|--------------------------------------|-------------|--------------------|----------------------------|---|---------------|-------------------|------------|-----------------------------|---------------|--|-------------|---|--------|
| Collector Ken Con  | J. Lin                               | ille "      | Company<br>Steve W | /eiss                      | Telepho<br>372-9  | ne No.<br>531 |                   |            | Project Coor<br>TRENT, SJ   | dinator       | Price Code                                       | 9N          | Data Tur                                      |        |
| Biological Sampling for Di   |                                      | Slope - Ot  | ampling<br>600 Are | Location H                 | -06-  | LE            |                   |            | SAF No.<br>B99-056          | –             |  |             | 45 1  | Days L |
| Ice Chest No. GRC9   | 6-053                                | F           | ield Logi          |                            |   |               |                   |            | Method of Sh<br>Federal Exp |               | <u></u>  |             |   |        |
| Shipped To.<br>TMA RECRA   |                                      | C           | Msite Pro          | operty No.                 |   |               |                   |            | Bill of Lading              | /Air Bill     | No.  |             | <del>-</del> "                                |        |
|  |                                      |             |                    |                            |   |               | <del>-</del>      |            | COA                         | MEA           | 122 194  | D           |   |        |
| POSSIBLE SAMPLE HAZ  | ARDS/REMARKS                         |             |                    | Preservation               | Frozen  |               |                   |            |                             |               |  |             |   |        |
|  |                                      |             | T                  | ype of Container           | ∎G  |               |                   |            |                             |               |  |             |   |        |
| Special Handling and/or St<br>All samples are to be frozen po  | orage<br>rior to shipment to the lai | b.          | N                  | o. of Container(s)  Volume | l<br>120mL  |               |                   |            |                             |               | H2   |             |   |        |
|  | SAMPLE AN                            | ialysis     |                    |                            | Pes/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |                   |            |                             |               |  |             |   |        |
| Sample No.   | Matrix *                             | Sample D    | Date               | Sample Time                |   |               |                   |            |                             |               | 11 (C)   |             | er at Mills It                                |        |
| 30V8D3   | Other Solid                          | 4/20        | /99                | 1139                       | X.  |               |                   |            |                             |               |  |             |   |        |
|  |                                      |             |                    |                            |   |               |                   |            |                             |               |  |             |   |        |
|  |                                      |             |                    |                            |   | la n          | CIAL INSTR        |            |                             |               |  |             |   |        |
| CHAIN OF POSSESSION  |                                      | Sign        | /Print Na          | imes                       | ي.  | _ Bir         | d eggs will be pa | ckaged in  | ziploc bags and p           |               | ple bottles. The la<br>Overnight shipmer         |             | Matrix * Soil                                 |        |
| etinquished By  etinquished By  A Color of the Color of t | D. t. (Pine                          | Received By | · ed               | Da Da                      | te/Time<br>te/Time  | 7 50 mm       | nired. Samples at | e to remai | in frozen. All same         | ntes are coll | ected from son-rac<br>At 372<br>Hil Sliph<br>RUN | l areas     | Water<br>Vapor<br>Other Solid<br>Other Liquid |        |
| alisquished By   | Date/Time                            | Received By |                    | _ <u>5/27/99</u><br>Day    | te/Time   |               |                   |            |                             |               |  |             |   | }      |
| LABORATORY Received B<br>SECTION   | 7                                    |             |                    |                            | Titl  | c             |                   |            |                             |               |  | Di          | te/Time                                       |        |
| FINAL SAMPLE Disposal N<br>DISPOSITION   | fethod .                             |             |                    |                            |   |               | Dispo             | sed By     | <del></del>                 |               | ··   | Da          | ite/Time                                      |        |
|  | <u> </u>                             |             |                    |                            |   |               |                   |            |                             |               | · · · · · · · · · · · · · · · · · · ·            | <del></del> | <del></del>                                   |        |

| Bechtel I                                       | Hanford Inc.                                     | _                                     | СН               | IAIN OF CUST                           | rody/s   | AMPLI     | E ANAL        | YSIS         | REQUES   | T                      | B                                   | 99-056-01     | Page 1  | of 1 1                                |
|---|--|---------------------------------------|------------------|--|--|-----------|---------------|--------------|--|------------------------|-------------------------------------|---------------|---|---------------------------------------|
| Collector<br>Ken Gar                            | no, Jenifer                                      | اغمناك                                | Compa<br>Steve   | ny Contact<br>Weiss                    | Telepho<br>372-9   |           |               |              | Project Coord                                  | inator                 | Price Code                          | 9N            | Data Tui                                      | response                              |
| Project Designation                             | ing for DDT/DDE on the                           |                                       | Samplin<br>600 A | ng Location<br>Area                    |  |           |               |              | SAF No.<br>B99-056                             |                        |                                     |               | 45]   | Days C                                |
| lee Chest No.                                   | PC96-053   |                                       | Field L          | ogbook No.                             | ·····  |           | · · ·         |              | Method of Shi<br>Federal Exp                   |                        | <del></del>                         |               |   | · C                                   |
| Shipped To<br>TMA(RECRA)                        | 3  |                                       | Offsite          | Property No.                           |  |           |               |              | Bill of Lading                                 | 'Air Bill N            | 0.                                  |               |   |                                       |
|   | <del></del>                                      |                                       | · <del>!</del>   |  |  |           |               | <del>-</del> | COA  | LEA                    | 12218                               | 40            |   | · · · · · · · · · · · · · · · · · · · |
| POSSIBLE SAMP                                   | PLE HAZARDS/REMAF                                | RKS                                   |                  | Preservation                           | Frozen   |           |               |              |  |                        |                                     |               |   |                                       |
|   |  |                                       | 1                | Type of Container                      | aG   |           |               |              |  |                        |                                     | <u> </u>      |   |                                       |
| Special Handling a<br>All samples are to b      | and/or Storage<br>be frozen prior to shipment to | thé lab.                              |                  | No. of Container(s)  Volume            | 1<br>120mL   |           |               |              |  |                        |                                     |               |   |                                       |
|   | <u> </u>   | E ANALYSIS                            |                  | ······································ | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |           |               |              | trap<br>10<br>2AI                              |                        |                                     |               |   |                                       |
| Sample No                                       | o. Matrix  | • Samı                                | ple Date         | Sample Time                            |  |           |               |              |  |                        |                                     | 100 100 100 1 |   | *                                     |
| B0V874  | Other So   | olid 4/                               | 15/99            | 10:53 a                                | X  |           |               |              |  |                        |                                     |               |   |                                       |
|   |  |                                       |                  |  |  |           |               |              |  |                        |                                     |               |   |                                       |
|   |  |                                       |                  |  |  |           |               |              |  |                        |                                     |               |   |                                       |
| CHAIN OF POSS                                   | ESSION   |                                       | Sign/Print       | Names                                  |  | Bird e    |               | ckaged in    | NS<br>ziploc bags and placells and analyze the |                        |                                     |               | Matrix Soil                                   |                                       |
| Religioushed By Religioushed By Religioushed By | Date/Tim  5/26/9  Date/Tim  Date/Tim             | Recoived (1930)                       | HELL             | els R. Niels                           | h 525<br>te/Time   | ラフ requir | ed. Samples a | re to remai  | in frozen, All samp<br>WW. K                   | iles are colle<br>IDVI | cted from non-ri<br>Cat 3<br>UNSi 1 | 728           | Water<br>Vapor<br>Other Solid<br>Other Liquid | , ·                                   |
| Relinquished By                                 | Ded en Date/Tim                                  | e Receive                             | XIO              | dir 5/27/9                             | te/Time<br>9 093<br>te/Time                                    | v Bh      | pment         | tot          | House I  | ab:                    | 5/20/99                             | rin)          |   |                                       |
| :   | Dad IIII   | . preservi                            | wy/              | Da.                                    |  |           |               |              |  |                        |                                     |               |   | J                                     |
| LABORATORY<br>SECTION                           | Received By                                      | ·                                     |                  | ······································ | Tit  | le        | <del></del>   | _            |  |                        |                                     | D             | ste/Time                                      |                                       |
| FINAL SAMPLE DISPOSITION                        | Disposal Method                                  |                                       |                  |  |  |           | Dispo         | sed By       |  |                        | ·                                   | Di            | nte/Time                                      |                                       |
|   |  | · · · · · · · · · · · · · · · · · · · |                  |  |  |           |               |              |  |                        |                                     |               |   | <del></del>                           |

| necuter unulged   | Inc.            | C                | HAIN OF CUS                           | TODY/S   | AMPLI        | E ANAL                            | YSIS                              | REQUES  | T             | B                  | 99-056-02   | Page 1            | of 1             |
|---|-----------------|------------------|---------------------------------------|--|--------------|-----------------------------------|-----------------------------------|---|---------------|--------------------|-------------|-------------------|------------------|
| Collector<br>Ken Gano, Je   | nifer Linui     | le Ste           | pany Contact<br>eve Weiss             | Telephor<br>372-9  |              |                                   |                                   | Project Coord<br>TRENT, SJ                        | inator        | Price Code         | 9N          | Data Tur          |                  |
| Project Designation Biological Sampling for DD                    |                 | ! Samo           | ling Location O Area                  |  |              |                                   |                                   | SAF No.<br>B99-056                                |               |                    |             | 45                | Days L           |
| Ice Chest No. GRC91   |                 |                  | Logbook No.                           |  |              |                                   |                                   | Method of Shi<br>Federal Exp                      | pment<br>ress |                    |             |                   | <del></del>      |
| Shipped To<br>TMA/RECRA   |                 | Offsie           | e Property No.                        |  |              |                                   |                                   | Bill of Lading                                    | Air Bill N    | 0.                 |             |                   |                  |
|   |                 |                  | · · · · · · · · · · · · · · · · · · · |  |              |                                   |                                   | COA   | MB            | A1221              | 190         |                   |                  |
| POSSIBLE SAMPLE HAZA  | ARDS/REMARKS    |                  | Preservation                          | Frozen   |              |                                   |                                   |   |               |                    |             |                   |                  |
|   |                 |                  | Type of Container                     | ≱Ğ   |              |                                   | }                                 |   |               |                    |             |                   |                  |
| Special Handling and/or Stor<br>All samples are to be frozen pric |                 |                  | No. of Container(s)  Volume           | 1<br>120mL   |              |                                   |                                   |   |               |                    |             |                   |                  |
|   | SAMPLE ANAL     | ysis             | <b>.</b>                              | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |              |                                   |                                   | ZAZ   |               |                    |             |                   |                  |
| Sample No.  | Matrix *        | Sample Date      | Sample Time                           |  | E grand      |                                   |                                   |   |               |                    |             |                   |                  |
| B0V875  | Other Solid     | <b>५/</b> १८/व्य | 10:58 a                               |  |              |                                   |                                   |   |               |                    |             |                   |                  |
|   |                 |                  |                                       |  |              |                                   |                                   |   |               |                    |             |                   |                  |
| <del>.</del>  |                 |                  |                                       |  |              |                                   |                                   |   |               |                    |             |                   |                  |
| CHAIN OF POSSESSION   |                 | / 1°             | nt Names                              | ir   | Bird o       | e contents from                   | ckaged in z<br>m eggs shel        | iploc bags and pla<br>is and analyze the          | contents.     | Overnight shipme   | ent is      | Matrix Soil Water | ,                |
| Relinquished By   | d Date/Time 133 | 7                |                                       | te Time  | requir<br>SU | ed. Samples as<br>MUPUS<br>MARKET | re to remain<br>STNR<br>10. cl. 1 | a frozen. All samp<br>Lin by<br>Collectic<br>RN S | les are colle | rected from non-ri | nd areas.   |                   |                  |
| Relinquished By Tell -  |                 | Received By      |                                       | testime<br>199 og  | 30 0         | Hite                              | Jab                               | RN S  | 126 KJ        | 19<br>1            | ripment     | _                 |                  |
| Relinquished By   | Date/Time       | Received By      | , <b>D</b> a                          | te/Time  |              |                                   |                                   |   |               |                    |             |                   |                  |
| LABORATORY Received By SECTION                                    |                 |                  |                                       | Tid  | e            |                                   |                                   |   |               |                    | Di          | ete/Time          |                  |
| FINAL SAMPLE Disposal Me<br>DISPOSITION                           | ethod           |                  |                                       | <del></del>  |              | Dispo                             | sed By                            |   |               |                    | Di          | ate/Time          |                  |
| *   | <del></del>     | <del></del>      |                                       |  | 7            | ···                               |                                   | <del></del>                                       | <del></del>   | <del></del>        | <del></del> |                   | —,——,—— <i>J</i> |

| Bechtel Hanford I   | nc.                          | C           | HAIN OF CUST                | rody/s.  | AMPLI         | E ANAL                               | YSIS                      | REQUEST  | Γ                        | BS                     | 99-056-03          | Page 1 of                                     | f 1   |
|---|------------------------------|-------------|-----------------------------|--|---------------|--------------------------------------|---------------------------|--|--------------------------|------------------------|--------------------|---|-------|
| Collector<br>Ken Cano   | T. Mille                     | Comp        | pany Contact<br>ve Weiss    | Telephor<br>372-95   | ie No.<br>331 | <u></u>                              |                           | Project Coordi<br>TRENT, SJ                    | ator                     | Price Code             | 9N                 | Data Turn                                     |       |
| Project Designation Biological Sampling for DDT/I                       |                              | Samp        | ling Location<br>Area       |  |               |                                      |                           | SAF No.<br>B99-056                             |                          |                        |                    | 45 D  | ays C |
| Ice Chest No. GLG   | 0-063                        | Field       | Logbook No.                 |  |               | ····                                 |                           | Method of Ship<br>Federal Expre                | ment<br>ss               | <del></del>            |                    |   |       |
| Shipped To-<br>TMA RECRA  |                              | Offsit      | e Property No.              |  |               |                                      |                           | Bill of Lading/A                               |                          | No.                    |                    |   |       |
|   |                              |             |                             |  |               |                                      |                           | СОА  | ME                       | 3A 122                 | 2-1940             | )   |       |
| POSSIBLE SAMPLE HAZARI  | DS/REMARKS                   |             | Preservation                | Frozen   |               |                                      |                           |  |                          |                        |                    |   |       |
|   |                              |             | Type of Container           | aG   |               |                                      |                           |  |                          |                        |                    |   |       |
| Special Handling and/or Storag<br>All samples are to be frozen prior to | ge<br>o shipment to the lab. |             | No. of Container(s)  Volume | 1<br>120mL   |               |                                      |                           | 7B2  |                          |                        |                    |   |       |
|   | SAMPLE ANALY                 | /sis        |                             | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |                                      |                           |  |                          |                        |                    |   |       |
| Sample No.  | Matrix *                     | Sample Date | Sample Time                 | Mark   | REEL          |                                      | REE!                      | A STATE  |                          | MEST 1                 |                    |   | ;     |
| B0V876  | Other Solid                  | 4/15/99     | 11:09a                      | X  |               |                                      |                           |  | <del></del>              |                        |                    |   |       |
|   |                              |             |                             |  |               |                                      |                           |  |                          |                        |                    |   | -     |
|   |                              |             |                             |  | KDEC.         | IAL INSTR                            | LICTION                   |  |                          |                        |                    | Matrix *                                      |       |
| CHAIN OF POSSESSION   |                              | Sign/Prin   | ì                           | 15   | Bird o        | eggs will be par<br>ve contents from | ckaged in z<br>m eggs she | iploc bags and plac<br>its and analyze the     | ed in sam<br>contents. ( | ple bottles. The force | ab is to<br>ent is | Soil  |       |
| Relinquished By  Relinquished By  R. Niclson / Julian K                 | Dele/Time to 3.              | Received By |                             | te/Time<br>5 5 29<br>te/Time                                   | Jana requir   | red. Samples ar                      | re to remain              | a frozen. All sample<br>Live fro<br>Collection | s are colle              | ected from non-ra      | id areas.          | Water<br>Vapor<br>Other Solid<br>Other Liquid |       |
| L MIGHENIA / 4 BILBERT  | 100 000 70                   |             |                             | te/Time  |               | (omon-                               | 1 475 (                   | Robbe  | Jah.                     | 5/26/00                | 011                |   |       |
| Relinquished By Deel e  | Date/Time                    | Received By | n 5/27/99                   |  |               | 911010                               |                           | 000000   |                          | 7146[-1-1              | 1919               |   |       |
| Relinquished By   | Date/Time Date/Time          | Received By |                             | OG 30<br>te/Time   |               | <u> </u>                             |                           |  |                          |                        |                    | ute/Time                                      |       |

| Bechtel Hanfo   | rd Inc.                               |                 | СН                | AIN OF CUS                            | FODY/S   | AMPI   | LE ANAL   | YSIS      | REQU                                | EST                                  | B                                     | 99-056-04      | Page 1                               | of 1         |
|---|---------------------------------------|-----------------|-------------------|---------------------------------------|--|--|---|-----------|-------------------------------------|--------------------------------------|---------------------------------------|----------------|--------------------------------------|--------------|
| Collector<br>Ken Gan  | ~ D.L                                 | inville         | Compan<br>Steve   | y Contact<br>Weiss                    | Telepho<br>372-9   | ne No.<br>531                                  |   |           | Project C                           | oordinator<br>J                      | Price Code                            | 9N             |                                      | ranround (C) |
| Project Designation<br>Biological Sampling for I  |                                       | orth Slope - Ot | Sampling<br>600 A | g Location<br>rea                     |  | <u>,                                      </u> |   |           | SAF No.<br>B99-056                  |                                      |                                       |                | 45                                   | Days 🗠       |
| Ice Chest No.   | C :96-05                              | 3               | Field Lo          | gbook No.                             | · · · · · · · · · · · · · · · · · · ·                          |  |   |           | Method o<br>Federal                 | f Shipment<br>Express                | <del></del>                           |                | <del> </del>                         | <del></del>  |
| Shipped To<br>TMARECRA  |                                       | <del></del>     | Offsite P         | roperty No.                           |  |  |   |           | Bill of La                          | ding/Air Bill                        | No.                                   |                |                                      |              |
|   | · · · · · · · · · · · · · · · · · · · |                 |                   | · · · · · · · · · · · · · · · · · · · |  |  | <del></del>   |           | COA                                 | Mea                                  | 12210                                 | y0             |                                      |              |
| POSSIBLE SAMPLE HA  | ZARDS/REMARI                          | KS              |                   | Preservation                          | Frozen   |  |   |           |                                     |                                      |                                       |                |                                      |              |
|   |                                       |                 |                   | Type of Container                     | аG   |  |   |           |                                     |                                      |                                       |                |                                      |              |
|   |                                       |                 | 1                 | No. of Container(s)                   | 1  |  |   |           |                                     |                                      |                                       |                | -                                    |              |
| Special Handling and/or S<br>All samples are to be frozen                                       | itorage<br>prior to shipment to th    | e lab.          |                   | Volume                                | 120mL  |  | 1   |           |                                     |                                      |                                       |                |                                      |              |
|   | SAMPLE                                | ANALYSIS        |                   |                                       | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |  |   |           |                                     | 2C                                   | 3                                     |                |                                      |              |
| Sample No.  | Matrix •                              | Sampl           | e Date            | Sample Time                           |  |  |   | TV TV COT |                                     | and have use                         |                                       |                |                                      |              |
| B0V877  | Other Soli                            | d 4/15/         | ′ବ୍ୟ              | 11:300                                | <i>X</i> ('  |  |   |           |                                     |                                      |                                       |                |                                      |              |
|   |                                       |                 |                   |                                       |  |  |   |           |                                     |                                      |                                       |                |                                      |              |
|   |                                       |                 |                   |                                       |  |  |   |           |                                     |                                      |                                       |                |                                      |              |
| CHAIN OF POSSESSION   | 1                                     | . si            | gn/Print N        | lames                                 |  | l Riz  | CIAL INSTR<br>d eggs will be pac-<br>nove contents from | Second in | zioloc base s                       | nd placed in sar<br>ze the contents. | nple bottles. The<br>Overnight shipm  | lab is to      | Matrix<br>Soil<br>Water              | -            |
| talinquished By  Clinquished By  Clinquished By  Clinquished By  Clinquished By  Clinquished By | Date/Time  5/25/9  Date/Time  5-26-4  | 1330 Received   | ighy)             | ed ay Da<br>u 5/27/19                 | te/Time 10   | 124 2<br>Fr                                    | wired. Samples and<br>Sumply (<br>m. date)              | to rema   | in frozen. All<br>NGL W<br>Collecti | esamples are col<br>on the           | lected from non-1<br>247 at<br>41 Shi | 3728<br>pyvent | Vapor<br>Other Solid<br>Other Liquid |              |
| tellisquished Bly   | Date/Time                             | Received        | By Jod            | u 5/27/4°                             | te/Time  | 10   | offsite   | lu        | b. 5                                | 126/99                               | KIN                                   |                |                                      |              |
| alisquished By  | Date/Time                             | Received        | OBY               | Dat                                   | e/Time   |  |   |           |                                     |                                      |                                       |                |                                      |              |
| LABORATORY Received SECTION   | Ву                                    | <u> </u>        |                   | · · · · · · · · · · · · · · · · · · · | Titl   | e  |   |           |                                     |                                      |                                       | Di             | ate/Time                             |              |
| FINAL SAMPLE Disposal DISPOSITION   | Method                                |                 |                   |                                       | <del></del>  |  | Dispos  | ed By     | <del></del>                         |                                      | <del></del>                           | Da             | ite/Time                             |              |
| A S   | <u></u>                               |                 |                   |                                       |  |  | <del></del>   |           |                                     |                                      | <del></del> <u></u>                   | ····           |                                      |              |

| Bechtel Hanfor  | rd Inc.         |                 | C            | HAIN OF CUS             | FODY/S  | AMPL           | E ANAL      | YSIS        | REQUES  | <b>r</b> .             | B                  | 99-056-05  | Page 1                      | of 1    |
|---|-----------------|-----------------|--------------|-------------------------|---|----------------|-------------|-------------|---|------------------------|--------------------|--|-----------------------------|---------|
| Collector Ken Gono  | (J. Lin         | ille.           | Ste          | any Contact<br>ve Weiss | Telepho<br>372-9  |                |             |             | Project Coordi<br>TRENT, SJ                       | nator                  | Price Code         | 9N   |                             | maround |
| Project Designation  Biological Sampling for D            | DT/DDE on the N | orth Slope - Ot |              | ling Location Area      | •   |                |             | •           | SAF No.<br>B99-056                                |                        |                    |  | 45                          | Days    |
| Ice Chest No. 9AL   | 96-053          |                 | Field        | Logbook No.             |   |                |             |             | Method of Ship<br>Federal Expr                    |                        | <u> </u>           |  |                             |         |
| Shipped To<br>TMAIRECRA                                   |                 |                 | Offsite      | e Property No.          |   |                | <u></u>     | _           | Bill of Lading/                                   | Air Bill !             | No.                |  |                             |         |
|   |                 |                 | <b>!.—</b> . |                         |   | <del>.,,</del> | <del></del> |             | COA, M  | 3A1                    | 22184              | Ю  |                             |         |
| POSSIBLE SAMPLE HA  | ZARDS/REMARI    | KS              |              | Preservation            | Frozen  |                |             |             |   |                        |                    |  |                             |         |
|   |                 |                 |              | Type of Container       | аG  |                |             |             |   |                        |                    |  |                             |         |
|   |                 |                 |              | No. of Container(s)     | 1   |                |             | 1           |   |                        |                    |  |                             |         |
| Special Handling and/or S<br>All samples are to be frozen |                 | e lab.          |              | Volume                  | 120mL   |                |             |             |   |                        |                    |  |                             |         |
|   | SAMPLE          | ANALYSIS        |              |                         | Per/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |                |             |             | ₹A3   |                        |                    |  |                             |         |
|   |                 | 57              | 94.7         | r- <i>5</i> 7           |   |                |             |             |   |                        |                    |  |                             |         |
| Sample No.  | Matrix *        | Samp            | le Date      | Sample Time             |   | Total Colo     |             |             |   | R SAME                 |                    | *******  | ¥**                         |         |
| B0V878  | Other Soli      | ار u            | 4/9          | 9 11:02                 | X   |                |             |             |   |                        |                    | <u> </u>   |                             |         |
|   | <u> </u>        |                 |              |                         |   |                |             |             |   | -                      |                    | <del>                                     </del> |                             |         |
|   | <del>-</del>    | _               |              |                         |   |                |             |             |   |                        |                    |  |                             |         |
|   |                 |                 |              | •                       |   |                |             |             |   |                        |                    |  |                             |         |
| CHAIN OF POSSESSION                                       |                 | -               | ign/Prin     | it Names                |   | Bird           | IAL INSTR   | ckaged in : | NS<br>ziploc bags and pla<br>tils and analyze the | ced in san             | ple bottles. The I | ab is to   | Matrix <sup>4</sup><br>Soil |         |
| Relinquished By   | Date/Time       | Receive         | d By         | la Ludon ?              | te/Time 15  |                |             |             |   | 11                     |                    |  | Water<br>Vapor              |         |
| Prince E. Jule  | NUSME-7         | 1320 Receive    | dBy F        | - PAGAL                 | de/Time   | ror            | n aut       | jivu<br>Ldh | din fre<br>Collecte<br>XBit la                    | <b>1</b> 7311<br>271 1 | until              |  | Other Solid<br>Other Liquid |         |
| Relinquished By   | Date/Time       | Receive         |              | der 5/27                | nte/Time  | - Shi          | pment       | 10 0        | xbit la   | ib. g                  | 26/199             | en   |                             |         |
| Relinquished By   | Date/Time       | Receive         |              |                         | ite/Time  | <u>~</u>       |             |             |   |                        |                    |  |                             |         |
| LABORATORY Received   SECTION                             | Ву              |                 |              |                         | Tit   | <br>le         | <u></u>     |             | <del></del> -                                     |                        |                    | D  | nte/Time                    |         |
| FINAL SAMPLE Disposal DISPOSITION                         | Method          |                 |              |                         | <del></del>   |                | Dispo       | sed By      | <del></del>                                       |                        |                    | Di   | ate/Time                    |         |
| DIST CONTON   | <u>.</u>        |                 |              |                         |   |                |             |             | <del></del>                                       |                        | <del>-</del>       |  |                             |         |

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| Decuter   | Hanford Inc.                               |                                       | C            | HAIN OF CUST                | rody/s <i>a</i>  | MPLI        | ANAL                           | YSIS !                       | REQUES                                    | T            | 183                | 99-056-06  | Page 1 of                            | *    |
|---|--|---------------------------------------|--------------|-----------------------------|--|-------------|--------------------------------|------------------------------|---|--------------|--------------------|------------|--------------------------------------|------|
| Collector                                       | Gano J                                     | .Unville                              | Comp         | any Contact<br>/e Weiss     | Telephone<br>372-953   | No.         |                                |                              | Project Coord<br>TRENT, SJ                | inator       | Price Code         | 9N         | Data Turnaro                         | and  |
| k Lolect nesikuntto                             | on<br>ding for DDT/DDE or                  |                                       | լ Ֆուսթ      | ing Location<br>Area        | ···  |             |                                |                              | SAF No.<br>B99-056                        |              |                    |            | 45 Day                               | ys 🖵 |
|   | ERC96-C                                    |                                       |              | Logbook No.                 |  |             |                                |                              | Method of Ship<br>Federal Expr            |              | <u></u>            |            |                                      |      |
| Shipped Fo<br>TMA RECRA                         | <u> </u>                                   |                                       | Offsite      | Property No.                | <del></del>  |             |                                |                              | Bill of Lading/                           | Air Bill i   | Vo.                |            | <u></u>                              |      |
|   |  |                                       | <del></del>  |                             |  |             |                                |                              | COA                                       | М            | EA-127             | 21940      |                                      |      |
| POSSIBLE SAM                                    | PLE HAZARDS/RE                             | MARKS                                 |              | Preservation                | Frozen   |             |                                |                              |   |              |                    |            |                                      |      |
|   |  |                                       |              | Type of Container           | #G   | <del></del> |                                | ļ                            |   | <u> </u>     |                    | <u> </u>   |                                      |      |
| Special Handling All samples are to             | and/or Storage<br>be frozen prior to shipm | ent to the lab.                       |              | No. of Container(s)  Volume | 1<br>120mL   |             | !                              |                              |   |              |                    |            |                                      |      |
|   | SA   | MPLE ANALYSI                          |              |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |             |                                |                              | Z81.                                      |              |                    |            |                                      |      |
| Sample N  | lo. M                                      | atrix *                               | Sample Date  | Sample Time                 |  | 1-17        | a name samely<br>Lagrandia and |                              |   | 13.3         |                    | 1000       |                                      |      |
| B0V879  | Oth  | er Solid                              | 11.5/99      | 11:16a                      | X  | <del></del> |                                | <u> </u>                     |   | <br>         | _                  |            | ·                                    |      |
|   |  |                                       |              |                             |  |             |                                |                              |   |              |                    |            |                                      |      |
|   |  |                                       |              |                             |  |             |                                |                              |   |              |                    |            |                                      |      |
| CHAIN OF POSS                                   |  | - /                                   | Sign/Prin    | ·                           | nte/Tipne 53   | Bird o      | e contents fro                 | ickaged in z<br>om eggs shel | iploc bags and pla<br>ils and analyze the | contents.    | Overnight shipm    | ent is     | Matrix * Soil Water                  |      |
| Ledinquished By Ledinquished By Ledinquished By | 4 00 da                                    | te/Time 530<br>te/Time 530<br>5-26-49 | Received By  | ills + Niesh                | -5 25 94   | 1 W         | nples c                        | Fored<br>te of               | in fru<br>Willton<br>576190               | ezer<br>1 un | at 372<br>til Shim | 28<br>nent | Vapor<br>Other Solid<br>Other Liquid |      |
| Relinquished By                                 | Bedel                                      | te/Time                               | Received By  | u 5/27/19 06                | te/Time<br>130<br>he/Time                                      | 710 (       | )ttsik                         | lub.                         | 5/26/90                                   | P            | )N                 |            |                                      |      |
| ·   |  | IC 1 time                             |              |                             |  |             |                                |                              |   |              |                    |            |                                      |      |
| LABORATORY<br>SECTION                           | Received By                                |                                       | <del>-</del> |                             | Title  |             |                                |                              |   |              |                    | D          | ate/Time                             |      |
| FINAL SAMPLE                                    | Disposal Method                            |                                       |              |                             | <del>,,,,,,</del> ,  |             | Dispo                          | sed By                       |   | <del></del>  |                    | D          | ate/Time                             |      |

| Bechtel                             | Hanford Inc.                     |                  | C          | HAIN OF CUS                 | rody/s   | AMPL          | E ANAL          | YSIS                     | REQUE                              | ST                | B:  | 99-056-07   | Page 1                                | of 1        |
|-------------------------------------|----------------------------------|------------------|------------|-----------------------------|--|---------------|-----------------|--------------------------|------------------------------------|-------------------|---|-------------|---------------------------------------|-------------|
|                                     | Gano [J. Li                      | wille            | Ste        | any Contact<br>ve Weiss     | Telepho<br>372-9   | ne No.<br>531 |                 |                          | Project Coo<br>TRENT, SJ           | rdinator          | Price Code  | 9N          | Data Tur                              |             |
| Project Designation Biological Samp | on /<br>oling for DDT/DDE on the | North Slope - Ot |            | ling Location Area          |  |               |                 |                          | SAF No.<br>B99-056                 | _                 |   |             | 45 J                                  | Days 🕃      |
|                                     | ERC96-05                         |                  | Field      | Logbook No.                 |  |               | -               |                          | Method of S<br>Federal E           | hipment<br>press  | ·   |             |                                       |             |
| Shipped Te-<br>TMA RECRA            |                                  |                  | Offsite    | Property No.                |  |               |                 |                          | Bill of Ladin                      | g/Air Bill        | No.   |             |                                       |             |
|                                     |                                  |                  |            |                             |  |               |                 |                          | COA                                | MEA               | 122-1P  | 90          |                                       |             |
| POSSIBLE SAM                        | PLE HAZARDS/REMA                 | RKS              |            | Preservation                | Frozen   |               |                 |                          |                                    |                   |   |             |                                       |             |
| ı                                   |                                  |                  |            | Type of Container           | aG   |               | _               | <u> </u>                 |                                    |                   |   |             |                                       | ·           |
| Special Handling                    | and/or Storage                   |                  |            | No. of Container(s)  Volume | 1<br>120mL   |               |                 |                          |                                    |                   |   |             |                                       |             |
| All samples are to                  | be frozen prior to shipment to   | the lab.         |            | Volume                      | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |                 |                          | ZB3                                |                   |   |             |                                       |             |
| Sample N                            | lo. Matrix                       | • Sam            | ple Date   | Sample Time                 |  |               |                 |                          |                                    |                   |   |             |                                       |             |
| B0V880                              | Other S                          | olid 4/1         | 3/99       | 11:060                      | R  |               |                 |                          |                                    |                   |   |             |                                       |             |
|                                     |                                  |                  |            |                             |  |               | -               |                          |                                    |                   |   |             |                                       | <del></del> |
|                                     |                                  |                  |            |                             |  |               |                 |                          |                                    |                   |   |             |                                       |             |
| CHAIN OF POS                        | Date/Tin                         | / }              | Sign/Prin  | Helor Patielsi              | ND 26  | Bird remo     | ve contents fro | ickaged in<br>m eggs she | ziploc bags and<br>ils and analyze | the contents.     | nple bottles. The I<br>Overnight shipme<br>lected from non-ra | ent is      | Matrix • Soil Water Vapor Other Solid |             |
| Colinguished By                     | TA Date/Tin                      | blad Recent      | red By     | .44 '                       | te/Time<br>te/Time   | from,         | n time<br>Heite | lab                      | ollectron                          | unt               | of 3728<br>  Shipm<br> N                                      | ent         | Other Liquid                          |             |
| telinquished By                     | Date/Tin                         | ne Recolu        | ed By      | Da                          | te/Time  |               |                 |                          | •                                  |                   |   |             |                                       |             |
| LABORATORY<br>SECTION               | Received By                      | <b></b>          |            |                             | Tii  | le .          |                 |                          |                                    |                   |   | D           | ate/Time                              |             |
| FINAL SAMPLE                        | Disposal Method                  |                  |            |                             |  |               | Dispo           | sed By                   |                                    | , <del>18 1</del> |   | D           | ate/Time                              |             |
| DISPOSITION                         | <u></u>                          |                  | <u>,, </u> |                             | <u>·</u>   |               | <u>.</u>        |                          | <del>-</del>                       | <u></u>           |   | <del></del> |                                       |             |

| Bechtel Hanford                                | Inc.                  | C                       | HAIN OF CUST                  | rody/s   | AMPL          | E ANAL            | YSIS                    | REQUEST  |            | B9                                    | 9-056-08 | Page 1                              | of 1       |
|--|-----------------------|-------------------------|-------------------------------|--|---------------|-------------------|-------------------------|--|------------|---------------------------------------|----------|-------------------------------------|------------|
| Collector J. Mulle                             |                       | Ste                     | pany Contact<br>ve Weiss      | Telepho<br>372-9   | ne No.<br>531 |                   |                         | Project Coordinat  | or P       | rice Code                             | 9N       |                                     | rnaround C |
| Project Designation Biological Sampling for DD | T/DDE on the North Si |                         | ling Location Area Hoy        | reno   | - DH          | 4                 |                         | SAF No.<br>B99-056   | - 1        |                                       |          | <b>4</b> 3.                         | Days C     |
| Ice Chest No. GREGI                            | 4-053                 |                         | Logbook No.                   |  |               |                   |                         | Method of Shipme<br>Federal Express  |            |                                       |          |                                     |            |
| Shipped For<br>TMA/RECRA                       |                       | Offsi                   | e Property No.                |  |               |                   |                         | Bill of Lading/Air   | Bill No.   |                                       |          |                                     |            |
|  |                       |                         |                               |  |               |                   |                         | COA ME   | A 12       | 2199                                  | 10       | ·····                               |            |
| POSSIBLE SAMPLE HAZA                           | RDS/REMARKS           |                         | Preservation                  | Frozen   |               |                   |                         |  |            |                                       |          |                                     |            |
| !  |                       |                         | Type of Container             | аG   |               |                   |                         |  |            |                                       |          |                                     |            |
| Special Handling and/or Stor                   |                       |                         | No. of Container(s)  Volume   | 1<br>120mL   |               |                   |                         | PHC  |            |                                       |          |                                     |            |
| All samples are to be frozen prio              | SAMPLE ANA            | Lysis                   | <u> </u>                      | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |                   |                         |  |            | <u> </u>                              |          |                                     |            |
| Sample No.                                     | Matrix •              | Sample Date             | Sample Time                   |  |               |                   |                         |  |            | Kara a                                |          |                                     | • /        |
| B0V881   | Other Solid           | 4/15/90                 | 13:51 p                       | X  |               |                   |                         |  |            | <u> </u><br>                          |          |                                     | _          |
|  |                       |                         |                               |  |               |                   |                         |  |            |                                       |          |                                     |            |
|  |                       |                         |                               |  |               |                   |                         |  |            |                                       |          |                                     |            |
| CHAIN OF POSSESSION Relinquished By            | Date/Time (           | / 1 -                   | nt Names  Phelan  O 1 G K  De | 19 10 9  | Bird<br>remo  | ve contents from  | ckaged in<br>m eggs sho | ziploc bags and placed<br>ells and analyze the cor<br>in frozen. All samples a | tents. Ove | ernight shipme<br>ed from non-er      | ent is   | Matrix Soil Water Vapor Other Solid |            |
| Relinquished By                                | Date/Time             | Received By Received By | 2200                          | nte/Time   | - da          | e of Ci<br>site 1 | 011ec<br>ab·            | infreezer<br>fron until<br>6126199   | Ship       | pment                                 | to       | Other Liquid                        |            |
| Jell<br>Lelinquished By                        | Date/Time             |                         |                               | oy30<br>ne/Time  | -  '          | -11- /            |                         | 14.6.6.1   | 1013       |                                       |          |                                     |            |
| LABORATORY Received By - SECTION               |                       |                         |                               | Tit  | <u> </u>      | , <del>-</del>    |                         |  |            | · · · · · · · · · · · · · · · · · · · | D        | Pate/Time                           |            |
| FINAL SAMPLE Disposal Me<br>DISPOSITION        | thod                  |                         |                               |  |               | Dispo             | sed By                  |  |            |                                       | D        | Date/Time                           |            |

| Bechtel Hanford   | Inc.                               | C           | HAIN OF CUS                 | TODY/S   | AMPLI         | E ANAL                                 | YSIS                        | REQU                           | EST                 | В   | 99-056-09 | Page 1 of 1                           |
|---|------------------------------------|-------------|-----------------------------|--|---------------|--|-----------------------------|--------------------------------|---------------------|---|-----------|---------------------------------------|
| Collector Ken Gono  | Jenifor W                          | mile Com    | pany Contact<br>eve Weiss   | Telepho<br>372-9   | ne No.<br>531 |  |                             | Project Co<br>TRENT, S.        | ordinator<br>J      | Price Code                                  | 9N        | Data Turnaround                       |
| Project Designation Biological Sampling for DD                    |                                    | ] Samp      | oling Location  O Area      |  |               |  |                             | SAF No.<br>B99-056             |                     |   |           | 45 Days                               |
| Ice Chest No. GRCA  | 4-053                              | Field       | Logbook No.                 |  |               |  |                             | Method of<br>Federal           | Shipment<br>Express | <u>.</u>                                    |           | · · · · · · · · · · · · · · · · · · · |
| Shipped To<br>TMARECRA  |                                    | Offsi       | te Property No.             |  | <del></del>   | ************************************** |                             | Bill of Lad                    | ling/Air Bill       | No.   |           |                                       |
|   |                                    |             |                             |  |               |  |                             | СОА                            | MEA                 | 12211                                       | 40        |                                       |
| POSSIBLE SAMPLE HAZA  | ARDS/REMARKS                       |             | Preservation                | Frozen   |               |  |                             |                                |                     |   |           |                                       |
|   |                                    |             | Type of Container           | aG   | ļ             |  | <u> </u>                    |                                |                     |   |           |                                       |
| Special Handling and/or Stor<br>All samples are to be frozen pric | rage<br>or to shipment to the lab. |             | No. of Container(s)  Volume | 1<br>120mL   |               |  |                             |                                |                     |   |           |                                       |
|   | SAMPLE ANA                         | LYSIS       |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |  |                             |                                |                     |   |           |                                       |
| Sample No.  | Matrix *                           | Sample Date | Sample Time                 |  |               |  |                             |                                |                     | 30 A 30 M                                   |           |                                       |
| B0V882  | Other Solid                        | 4/15/99     | 11:55 a                     | X  |               |  |                             | -                              |                     |   | -         | <u> </u>                              |
|   |                                    |             |                             |  |               |  |                             | 1                              |                     |   |           |                                       |
|   |                                    |             |                             |  |               |  |                             | -                              |                     | _   |           |                                       |
| CHAIN OF POSSESSION   |                                    | / \         | nt Names                    |  | Bird o        | e contents fro                         | ickaged in z<br>m eggs shel | iploc bags at<br>is and analy: | ze the contents.    | mple bottles. The<br>Overnight shipm        | ent is    | Matrix * Soil Water                   |
| Relinquished By  Suit K JUS                                       | Date/Time<br>5/15(99 \52           | 2 FULL      | helsh/Ruleus                | ate/Time (Ch. S.)  | 30 requi      | mples and                              | re to remain                | frozen. All                    | samples are col     | lected from non-<br>At 37<br>Shiphel<br>RIN | 28 From   | Vapor<br>Other Solid<br>Other Liquid  |
| COULLINGS IL ALV  | clan- Thursday                     | Keccifed By | -ed Gx                      |  | da            | the of t                               | Ollec                       | HONI                           | indi];              | Shipme                                      | Mt 1      |                                       |
| Relinquished By  College Relinquished By                          | Date/Time Date/Time                | Received By | rle 5/27/99                 | ate/Time<br>7 0430<br>ate/Time                                 | 2 101         | )88110                                 |                             | છ. ઝા                          | વ્યાપ               | KIP   |           |                                       |
| LABORATORY Received By  | <u> </u>                           |             |                             | Tit  | e             |  |                             | ···                            | _                   |   | D         | ate/Time                              |
| SECTION FINAL SAMPLE Disposal M                                   | ethod                              | <u></u>     |                             | · v.   |               | Dispo                                  | sed By                      |                                |                     | - <u></u>                                   | D         | ate/Time                              |
| DISPOSITION   |                                    |             |                             | <u></u>  |               | <del></del>                            |                             |                                | <del></del>         | <del></del>                                 |           |                                       |

| Bechtel Ha                                    | anford Inc.                                 |                             | C           | HAIN OF CUST             | rody/s   | AMPL          | E ANAL   | YSIS       | REQUES  | T            | <b>B</b> !         | 99-056-10                             | Page <u>I</u>               | of 1     |
|---|---|-----------------------------|-------------|--------------------------|--|---------------|--|------------|---|--------------|--------------------|---------------------------------------|-----------------------------|----------|
| Collector<br>Ven Con                          | /J.li                                       | nville                      | Ste         | oany Contact<br>ve Weiss | Telepho<br>372-9   | ne No.<br>531 |  |            | Project Coord<br>TRENT, SJ                      | inator       | Price Code         | 9N                                    |                             | raaround |
| Project Designation<br>Biological Sampling    | g for DDT/DDE on the                        | North Slope - Ot            | Sample 600  | ling Location Area       |  |               |  |            | SAF No.<br>B99-056                              |              | !                  |                                       | 45 ]                        | Days     |
| Ice Chest No.                                 | 294 053                                     |                             | Field 1     | Logbook No.              |  |               |  |            | Method of Shi<br>Federal Exp                    |              |                    | · · · · · · · · · · · · · · · · · · · |                             |          |
| Shipped To<br>TMA/RECRA                       |   |                             | Offsite     | e Property No.           |  |               |  |            | Bill of Lading                                  | Air Bill I   | No.                |                                       |                             |          |
|   |   |                             |             |                          |  |               |  |            | COA   | UBA          | 122191             | 10                                    |                             |          |
| POSSIBLE SAMPL                                | E HAZARDS/REMA                              | RKS                         |             | Preservation             | Frozen   |               |  |            |   |              |                    |                                       |                             |          |
|   |   |                             | i           | Type of Container        | aG   |               |  | <u> </u>   |   |              |                    |                                       |                             |          |
| 1   |   |                             |             | No. of Container(s)      | 1  | ]             |  | }          | Ì   | }            | 1                  | 1                                     |                             | •        |
| Special Handling and<br>All samples are to be | d/or Storage<br>frozen prior to shipment to | the lab.                    |             | Volume                   | 120mL  |               |  |            |   |              |                    |                                       |                             |          |
|   | SAMPI                                       | LE ANALYSIS                 |             |                          | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |               |  |            | ZEI   |              |                    |                                       |                             |          |
| Sample No.                                    | Matrix                                      | * Samı                      | le Date     | Sample Time              |  |               |  |            |   |              | MLMP'              |                                       | F 687                       |          |
| B0V883  | Other S                                     | olid 4/15                   | 199         | 11:460                   | X  |               |  |            |   |              |                    |                                       | ,                           |          |
|   |   |                             |             |                          |  | !<br>         |  |            |   | <del> </del> | _                  | -                                     |                             |          |
|   |   |                             | <del></del> |                          |  |               | <del>                                     </del> |            |   |              | _                  | -                                     |                             |          |
|   |   |                             |             |                          |  |               |  |            |   |              |                    |                                       |                             |          |
| CHAIN OF POSSES                               | SION  |                             | Sign/Prin   | nt Names                 |  | Bird          | IAL INSTR  | ckaged in  | NS<br>ziploc bags and pl<br>ells and analyze th | aced in sam  | ple bottles. The l | lab is to                             | Matrix ' Soi!               | •        |
| Relinquished By                               | Date/Tir                                    | me Receiv                   | ed Ayn      | els Rivelson             | te/Time  | 77 mari       | rad Complex se                                   | re to reme | in frozen. All sami                             | des ses coll | ected from non-t   | ad arress                             | Water<br>Vapor              |          |
| Standard L                                    |   | 25/99 / W<br>no 1201 Receil | od By       | els Rivelson             | te/Time  | 9-12W         | Mydus s  | 57V.e      | an f  | uner         | ut 37              | 128                                   | Other Solid<br>Other Liquid |          |
| MILITERS                                      | -Ribelan 5                                  | 770-49 Receil               | ·,          | ted w                    |  |               | m dut  | e ch       | called  | MI           | unti) 8            | minual-                               | +                           |          |
| Dalla michael Da                              | ed al                                       | ne Receiv                   | ed By  OU   |                          | te/Time<br>0430  | Ho            | ckkirt   | o I        | ab. 4   | 720 100      | לאומו              | i replicat                            | 4                           |          |
| Relisquished By                               | Date/Tit                                    | ne Receiv                   |             |                          | te/Time  | 7             |  |            | J,  | •4 (••)      | <b>~</b> 1-        |                                       |                             |          |
| LABORATORY Re                                 | reived Ru                                   |                             |             |                          | Tii  | le .          | <del> </del>                                     |            |   |              |                    | D <sub>1</sub>                        | te/Time                     |          |
| SECTION                                       |   |                             | ·····       |                          |  |               |  | 1 %        |   |              |                    |                                       |                             |          |
| FINAL SAMPLE D DISPOSITION                    | isposal Method                              |                             |             |                          | . <u> </u>   |               | Dispo  | sed By     |   |              |                    | D1                                    | te/Time                     |          |
| A.  |   |                             |             |                          |  |               |  |            | · ·   |              |                    |                                       |                             |          |

| Bechtel Hanford  | Inc.                                   | C                       | HAIN OF CUS                 | TODY/S   | AMPL          | E ANAL         | YSIS         | REQUE                      | ST               | B   | 99-056-11  | Page 1                               | of 1 |
|--|--|-------------------------|-----------------------------|--|---------------|----------------|--------------|----------------------------|------------------|---|------------|--------------------------------------|------|
| Collector Len Como   | / Linuille                             | Com                     | pany Contact<br>eve Weiss   | Telepho<br>372-9   | ne No.<br>531 |                |              | Project Cool<br>TRENT, SJ  | rdinator         | Price Code                                      | 9N         | Data Tu:                             | (    |
| Project Designation Biological Sampling for DDT                    |  | Sami                    | oling Location<br>O Area    |  |               |                |              | SAF No.<br>B99-056         |                  |   |            | 45                                   | Days |
| ice Chest No. 15 Alp 1   | 622                                    | Field                   | Logbook No.                 |  |               |                |              | Method of Si<br>Federal Ex | hipment<br>press | <u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>    |            |                                      |      |
| Shipped To<br>TMA/RECRA  |  | Offsi                   | te Property No.             |  |               |                | ~            | Bill of Ladin              | •                | lo.   |            |                                      |      |
|  |  |                         |                             |  |               |                |              | COA                        | ME               | A12   | 21 Pl      | H                                    |      |
| POSSIBLE SAMPLE HAZA   | RDS/REMARKS                            |                         | Preservation                | Frozen   |               |                |              |                            |                  |   |            |                                      |      |
|  | •                                      |                         | Type of Container           | aG   |               |                |              |                            |                  |   |            |                                      |      |
| Special Handling and/or Stor<br>All samples are to be frozen prior | age<br>to shipment to the lab.         |                         | No. of Container(s)  Volume | 1<br>120mL   |               |                |              |                            |                  |   |            |                                      |      |
|  | SAMPLE ANA                             | LYSIS                   | <u> </u>                    | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |                |              |                            | ZD2              | ,   |            |                                      |      |
| Sample No.   | Matrix *                               | Sample Date             | Sample Time                 |  |               |                |              |                            |                  |   | 113        |                                      | ٠,   |
| B0V884   | Other Solid                            | 4/15/99                 | 11:37a                      | X  |               |                |              |                            |                  |   |            | •                                    |      |
|  |  |                         |                             |  |               |                |              |                            |                  |   |            |                                      |      |
|  |  |                         |                             |  | lonno         |                |              |                            |                  |   |            |                                      |      |
| CHAIN OF POSSESSION  |  | Sign/Pri                | nt Names                    | سر،  | Bird          | IAL INSTR      | ckaged in z  | ining have and :           | placed in samp   | ple bottles. The l<br>Overnight shipm           | ab is to   | Matrix Soil                          | •    |
| Relinquished By  Complex V: July  Edit Michael By                  | Date/Time 5/25/99 1                    | Received By             | illo K-Nielson              | ate/Time   | / / I requi   | red Samnlet at | ne to remain | i frozen. All san          | nnles are colle  | seted from non-r<br>SU at<br>UNFI  <br>U.b. 5/4 | ad areas I | Water Vapor Other Solid Other Liquid |      |
|  | NIELSON 5-26                           | 991                     | ef w                        |  |               | Male           | te of        | Collec                     | tion, i          | intil   |            |                                      |      |
| Relinquished By  Decl  Relinquished By                             | Date/Time  Date/Time                   | Received By Received By | rlu 5/27/9                  | nte/Time<br>9 <u>093</u><br>nte/Time                           | e on          | ymen-          | tw           | orror                      | te li            | LD. 5/U   | ga rin     |                                      |      |
| LABORATORY Received By SECTION                                     | ······································ |                         |                             | Tit  | le .          |                |              |                            | <u> </u>         | · · · · · · · · · · · · · · · · · · ·           | D          | ate/Time                             |      |
| FINAL SAMPLE Disposal Me   | ihod                                   | <del></del>             |                             | <del>, ,,, , -, , ,, ,</del>                                   |               | Dispo          | sed By       |                            |                  |   | D          | ate/Time                             |      |
|  |  | <del> </del>            |                             |  |               |                | <del></del>  | <del></del> -              | <del></del>      |   |            |                                      |      |

| Bechtel Hanford  | l Inc.   | C  | CHAIN OF CUST               | rody/s   | AMPLI         | E ANAL          | YSIS I       | REQUES   | T              | B   | 99-056-12    | Page ]                               | of 1           |
|--|--|--|-----------------------------|--|---------------|-----------------|--------------|--|----------------|---|--------------|--------------------------------------|----------------|
| Collector Len Como,  | Jenifor U  | invile St  | pany Contact<br>eve Weiss   | Telepho<br>372-9   | ne No.<br>531 |                 |              | Project Coord<br>TRENT, SJ                       | inator         | Price Code  | 9N           | Data Tu                              |                |
| Project Designation Biological Sampling for DD                                   | T/DDE on the North S   | Sam  | pling Location<br>O Area    |  |               |                 |              | SAF No.<br>B99-056                               |                |   |              | 45                                   | Day            |
| ice Chest No. ERC 94   | 0-053  | Field  | Logbook No.                 |  |               | <del></del>     |              | Method of Shi<br>Federal Exp                     |                |   |              |                                      |                |
| Shipped To<br>TMA/RECRA  |  | Offsi  | te Property No.             |  |               |                 |              | Bill of Lading                                   | Air Bill       | No.   |              |                                      |                |
|  |  |  |                             |  |               |                 |              | COA M  | BA C           | 22114   | <u>U</u>     |                                      | ., <del></del> |
| POSSIBLE SAMPLE HAZA   | ARDS/REMARKS   |  | Preservation                | Frozen   |               |                 |              |  | _              |   |              | , , <del></del>                      |                |
|  |  |  | Type of Container           | aG   | <u></u>       |                 |              |  | <b> </b>       |   |              |                                      |                |
| Special Handling and/or Sto<br>All samples are to be frozen pric                 | rage<br>or to shipment to the lab.                                   |  | No. of Container(s)  Volume | 1<br>120mL   |               |                 |              |  | _              |   |              |                                      |                |
| ·  | SAMPLE ANA   | LYSIS  |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |               |                 |              | ZE2  |                |   |              |                                      |                |
| Sample No.   | Matrix *   | Sample Date  | Sample Time                 |  |               |                 |              |  |                |   |              |                                      |                |
| 0V885  | Other Solid  | 4/15/99  | 11:52                       | Y  |               |                 |              |  |                |   |              |                                      |                |
| · · · · · · · · · · · · · · · · · · ·  | <del></del>  | <del> </del>   |                             |  | <u> </u>      |                 | ļ            |  |                |   | <u> </u>     |                                      | _              |
|  |  | <del> </del>   |                             |  |               |                 |              |  |                |   |              |                                      | -              |
|  |  | <u> </u>   |                             |  |               |                 | <del> </del> | <del>                                     </del> |                | _   | <del> </del> | ····                                 |                |
| CHAIN OF POSSESSION  |  | Sign/Pri   | int Names                   | (¢   | _ \ Bird •    |                 | ckaged in z  | ploc bags and pl                                 |                | nple bottles. The<br>Overnight shipm                                |              | Matrix<br>Soil<br>Water              | •              |
| elinquished By  Chapter St. Jee  Chapter St. St. St. St. St. St. St. St. St. St. | Date/Time  5/55 / OP 15 5  Date/Time 13:  L AND STATE  Date/Time 13: | D Received By  | helsoff. Melsi              | te/Time<br>te/Time   | Fion          | mples<br>n date | Store,       | d in the following                               | Illise<br>I un | overnight shipm<br>lected from non-r<br>Lat 3 1<br>Lil 5 Ship<br>WN | 128<br>ment  | Vapor<br>Other Solid<br>Other Liquid | ı              |
| elisquished By   |  | Received By  |                             | te/Time<br>OU30<br>te/Time                                     | The second    | Ottole          | · Wb.        | 612419   | 9 1            | K11/2   |              |                                      |                |
| vendingara tsì   | New Ittlie   | The state of the s |                             | (  |               |                 |              | _  |                |   |              |                                      |                |
| LABORATORY Received By<br>SECTION  |  |  |                             | Tît  | le            |                 |              |  |                |   | Da           | nte/Time                             |                |
| FINAL SAMPLE Disposal M. DISPOSITION   | ethod  |  | ·                           |  | <u> </u>      | Dispo           | sed By       | <del></del>                                      | ·····          |   | Da           | te/Time                              |                |

| <u></u>  | <del></del>  | <del></del>             |                             |  | ·             |                                   |   | ······································   | ······     |                                      | · · · · · · · · · · · · · · · · · · · | <del></del>   | - M         |
|--|--|-------------------------|-----------------------------|--|---------------|-----------------------------------|---|--|------------|--------------------------------------|---------------------------------------|---|-------------|
| Bechtel Hanford  | Inc.   | C                       | HAIN OF CUS                 | FODY/S   | AMPLI         | E ANAL                            | YSIS  | REQUEST  | Г          | В                                    | 99-056-13                             | Page 1  | of 1        |
| Collector<br>Ken Gano, Je  | nifer Linville   | Comp                    | any Contact<br>ve Weiss     | Telepho<br>372-9   | ne No.<br>531 |                                   |   | Project Coordi<br>TRENT, SJ  | nator      | Price Code                           | 9N                                    | Data Tu   |             |
| Project Designation<br>Biological Sampling for DD                  |  | Sampl                   | ing Location<br>Area        |  |               |                                   |   | SAF No.<br>B99-056   |            |                                      |                                       | 45  | Days        |
| Ice Chest No. ERC94  | -053   | Field 1                 | Logbook No.                 |  | <del></del>   | <del></del>                       |   | Method of Ship<br>Federal Expr   | ment       |                                      |                                       |   | V.          |
| Shipped To<br>TMA/RECRA  |  | Offsite                 | Property No.                |  |               |                                   |   | Bill of Lading/  | Air Bill i | No.                                  |                                       |   | ; 3         |
|  |  |                         |                             |  |               |                                   |   | COA /  | NEA        | 120 P                                | t0                                    |   |             |
| POSSIBLE SAMPLE HAZA   | RDS/REMARKS  |                         | Preservation                | Frozen   |               |                                   |   |  |            |                                      |                                       |   |             |
|  |  |                         | Type of Container           | aG   |               |                                   |   |  |            |                                      |                                       |   |             |
| Special Handling and/or Stor<br>All samples are to be frozen price |  |                         | No. of Container(s)  Volume | 1<br>120mL   |               |                                   |   |  |            |                                      |                                       | İ   |             |
|  | SAMPLE ANALY   | /sis                    |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} | !             |                                   |   | DHƏ  |            |                                      |                                       |   | ·           |
| Sample No.   | Matrix *   | Sample Date             | Sample Time                 |  |               |                                   |   |  |            |                                      | 11 1 11 1                             |   |             |
| 30V886   | Other Solid  | 4/15/99                 | 13:14                       | - X  |               |                                   |   |  |            |                                      |                                       |   |             |
|  |  |                         |                             |  |               |                                   |   |  |            |                                      |                                       |   |             |
|  |  |                         |                             |  | ·             | ļ                                 | ļ   |  |            |                                      |                                       |   |             |
|  | Date/Time (\$2) \$/25/99 Date/Time (330) 10/50/n 5-26-99 | Received By             | ellor K.Melsn-<br>ed Ex     | te/Time   1-<br>- 5 25 4<br>te/Time                            | Bird o        | ve contents fro<br>red. Samples a | ickaged in z<br>m eggs shel<br>re to remain | s s iploc bags and pla is and analyze the frozen. All sampl  COllecti Thite Le | contents.  | Overnight shipm<br>lected from pon-r | ent is<br>ari areas.                  | Matrix<br>Soli<br>Water<br>Vapor<br>Other Solid<br>Other Liquid |             |
| Telinquished By  Collinquished By                                  | Date/Time Date/Time                                      | Received By Received By | u 5/27/41                   | te/Time<br>OG 30<br>te/Time                                    | - Shi         | pment-                            | tu d  | Mite J   | ab. 9      | 5176199                              | ואו                                   |   | •           |
| LABORATORY Received By SECTION                                     |  | <u> </u>                | <del></del>                 | Tit  | e             |                                   |   |  | <u>_</u>   |                                      | Di                                    | ite/Time  | <del></del> |
| FINAL SAMPLE Disposal M  | ethod  |                         |                             | <u> </u>   |               | Dispo                             | sed By                                      |  |            |                                      | Da                                    | tc/Time   |             |

|   |                       |  |                             |  |        |                 |                           |                                   |                    | <del></del>                                   |           |                                      | 37.5     |
|---|-----------------------|--|-----------------------------|--|--------|-----------------|---------------------------|-----------------------------------|--------------------|---|-----------|--------------------------------------|----------|
| Bechtel Hanford   | i Inc.                |  | CHAIN OF CUS                | TODY/S   | AMPLI  | E ANAL          | YSIS                      | REQUE                             | EST                | B   | 99-056-14 | Page 1                               | of · 1/3 |
| Collector   | المحدد الأميا         | Con  | apany Contact<br>teve Weiss | Telepho  | ne No. |                 |                           | Project Coc                       | rdinator           | Price Code                                    | 9N        | Data Tu                              | rnaround |
| Hen Cono, Je<br>Project Designation                             | when prus             |  | pling Location              | 372-9  | 531    |                 |                           | TRÊNT, SJ<br>SAF No.              |                    | 1   |           |                                      | Days     |
| Biological Sampling for DD                                      | OT/DDE on the North S | Slope - Ot 6                                     | 00 Area                     |  |        |                 |                           | B99-056                           |                    | <u></u>                                       |           | -10                                  |          |
| Ice Chest No. GLC CAL   | 12-053                | Field  | d Logbook No.               |  |        |                 |                           | Method of S<br>Federal E          | Shipment<br>xpress |   |           |                                      |          |
| Shipped Fo<br>TMARECRA  |                       | Offs   | ite Property No.            |  |        |                 |                           | Bill of Ladi                      | ng/Air Bili        | No.   |           |                                      |          |
|   |                       |  |                             |  |        |                 |                           | COA                               | MA                 | terif   | 40        |                                      |          |
| POSSIBLE SAMPLE HAZ   | ARDS/REMARKS          |  | Preservation                | Frozen   |        |                 |                           |                                   |                    |   | AN AN     |                                      |          |
|   |                       |  | Type of Container           | aG   | }      |                 | 1                         | {                                 |                    | <u> </u>                                      |           |                                      | <u> </u> |
|   |                       |  | No. of Container(s)         | 1  |        |                 |                           |                                   |                    |   |           |                                      |          |
| Special Handling and/or Sto<br>All samples are to be frozen pri |                       |  | Volume                      | 120mL  |        |                 |                           |                                   |                    |   |           |                                      |          |
|   | SAMPLE ANA            | ALYSIS   |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |        |                 |                           |                                   | BD                 | •   |           |                                      |          |
| Sample No.  | Matrix *              | Sample Date                                      | Sample Time                 |  |        |                 |                           |                                   |                    |   |           |                                      |          |
| B0V887  | Other Solid           | 4/15/0   | 19 1:24 pm                  | X  |        |                 |                           |                                   |                    |   |           |                                      |          |
|   |                       |  |                             |  |        |                 |                           |                                   |                    |   |           |                                      |          |
|   | <u> </u>              | <del>                                     </del> |                             |  |        |                 | <u> </u>                  | -                                 |                    |   |           |                                      |          |
| CHAIN OF POSSESSION   |                       |  | int Names                   | (6   | Bird e | e contents from | ckaged in a<br>n eggs she | iploc bags and<br>ils and analyze | the contents.      | ople bottles. The l                           | ent is    | Matrix<br>Soil<br>Water              | •        |
| Relinquished By   | Date/Time 5/28/90 15  | 50 DALLA   | NABAL KYNGRON               | ate/Time   | 9 3    | Myles (         | Are                       | lim d                             | huses              | lected from non-n<br>at 37<br>until 51<br>Rik | 7.8       | Vapor<br>Other Solid<br>Other Liquid | 1        |
| pitteriels IRN  | 18m 5269              |  | edry                        | ate/Time   | _fre   | m da            | teg                       | collec                            | ton (              | until S                                       | ripmant   | . Ozid ziquo                         |          |
| كالمستحد والمستحدد والمستحدد                                    | Col col               | Received By                                      | rlu 5/27/99                 | 0430   | 10     | affect          | l H                       | 14. 5                             | 20199              | . RJK   |           |                                      |          |
| lelinquished By   | Date/Time             | Received By                                      | Di                          | re, i me   |        |                 |                           |                                   |                    |   |           |                                      |          |
| LABORATORY Received By SECTION                                  |                       |  |                             | Tis  | le     |                 |                           |                                   |                    | <del></del>                                   | Da        | ite/Time                             |          |
| FINAL SAMPLE Disposal M<br>DISPOSITION                          | lethod                |  |                             |  | ·      | Dispos          | sed By                    |                                   |                    |   | Di        | ate/Time                             |          |

| Bechtel Hanford  | Inc.   |             | CH      | HAIN OF CUS                 | rody/s   | AMPL         | E ANAL                                 | YSIS                      | REQUE                               | ST                | В               | 99-056-15  | Page 1                  | of <u>1</u>                            |
|--|--|-------------|---------|-----------------------------|--|--------------|--|---------------------------|-------------------------------------|-------------------|-----------------|--|-------------------------|--|
| Collector<br>Ken Como, Je  | wife un  | تالد        | Compa   | iny Contact<br>e Weiss      |  |              |  |                           | Project Coo<br>TRENT, SJ            | rdinator          | Price Code      | 9N   |                         | rnaround                               |
| hadect nesignation   |  |             |         |                             |  |              |  |                           | SAF No.<br>B99-056                  |                   | l               |  | 45                      | Days 🖺                                 |
| Ice Chest No. GRCALO   | -053   |             | Field L | ogbook No.                  | ·  |              |  |                           | Method of S<br>Federal E            | hipment<br>xpress | <u> </u>        |  |                         | <del></del>                            |
| Shipped To<br>TMA RECRA  |  |             | Offsite | Property No.                |  |              | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                           | Bill of Ladi                        | ng/Air Bill       | No.             |  |                         |  |
|  |  | <del></del> |         |                             |  |              |  | ·                         | COA                                 | MPA               | 122 (P          | 40   |                         |  |
| POSSIBLE SAMPLE HAZAF  | RDS/REMARKS  |             |         | Preservation                | Frozen   |              |  |                           |                                     |                   |                 |  |                         |  |
|  |  |             |         | Type of Container           | aG   |              |  | Ī                         |                                     |                   |                 |  |                         |  |
| Special Handling and/or Stora All samples are to be frozen prior | ige<br>to shipment to the lab.   |             |         | No. of Container(s)  Volume | 1<br>120mL   |              |  |                           |                                     |                   |                 |  |                         |  |
|  |  | YSIS        | l.      |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} | -            |  |                           |                                     | 87                |                 |  |                         |  |
| Sample No.   | Matrix *   | Sample      | Date    | Sample Time                 | To the ten to  |              |  |                           |                                     |                   |                 |  | 15/02/1                 |  |
| B0V888   | Other Solid  | 4/15        | / 99    | 1:10 pm                     | K  |              |  |                           |                                     |                   |                 |  |                         |  |
|  |  |             |         |                             |  |              | -                                      | <u> </u>                  |                                     |                   |                 | <del>                                     </del> |                         |  |
|  |  |             | <u></u> | <del></del>                 |  | <del></del>  | <del> </del>                           |                           |                                     |                   |                 | +  | <del>  </del>           |  |
|  |  |             |         |                             |  |              |  |                           |                                     | _                 |                 | <b>†</b>   |                         |  |
| CHAIN OF POSSESSION Relinquished By                              | Date/Time 15   |             |         |                             | ste/Time   | Bird<br>remo | eggs will be pa                        | ckaged in :<br>m eggs she | zipłoc bags and<br>elis and analyze | the contents.     | Overnight shipm | tent is  | Matrix Soil Water Vapor | •                                      |
| Consideration Block  | Company Contact Steve Weiss Stave Weiss St | h 1 Ship    | ment    | Other Solid<br>Other Liquid |  |              |  |                           |                                     |                   |                 |  |                         |  |
| Relinquished By Relinquished By                                  | edul   |             | 100     | ler 5/27/9                  | 9 0930   | -100         | )1131 C                                | , w                       | ५ घर                                | 4199              | RJN             |  |                         |  |
| LABORATORY Received By SECTION                                   |  | i           |         |                             | Tit  | e            | ···                                    |                           |                                     |                   | <del></del>     |  | Date/Time               | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|  | bod  |             |         |                             |  | <u>.</u>     | Dispo                                  | sed By                    | <u></u>                             | <del></del>       | <del></del>     | Ē  | Date/Time               |  |
|  |  | <del></del> |         |                             |  |              |  |                           |                                     |                   |                 |  |                         |  |

| Bechtel Hanford   | Inc.                               | C                | HAIN OF CUST                     | rody/s   | AMPLI   | E ANAL                          | YSIS                                      | REQUE   | EST             | B:   | 99-056-16           | Page 1 of 1  |             |
|---|------------------------------------|------------------|----------------------------------|--|---|---------------------------------|---|---|-----------------|--|---------------------|--|-------------|
| Collector Como,   | Jerifer Linvill                    | Com <sub>i</sub> | pany Contact<br>eve Weiss        | Telephor<br>372-9:   |   |                                 | <del></del> -                             | Project Coc<br>TRENT, SJ                                | ordinator       | Price Code   | 9N                  | Data Turnaround                                    |             |
| Project Designation   | T/DDE on the North Slope - Ot      | Samp             | oling Location O Area            |  |   |                                 |   | SAF No.<br>B99-056                                      | <del></del>     |  |                     | 45 Days  |             |
| Ice Chest No. GLAI  | 0-1553                             | Field            | Logbook No.                      | <u></u>  |   |                                 | ·····                                     | Method of S<br>Federal E                                | Shipment        |  |                     | · · · · · · · · · · · · · · · · · · ·              | <del></del> |
| Shipped To-<br>TMA(RECRA)   |                                    | Offsio           | e Property No.                   |  |   |                                 |   | Bill of Ladi  | ng/Air Bill I   | No.  |                     | · · · · · · · · · · · · · · · · · · ·              |             |
|   |                                    |                  |                                  |  |   |                                 |   | COA   | MEA             | IZIP   | 40                  |  |             |
| POSSIBLE SAMPLE HAZA  | RDS/REMARKS                        |                  | Preservation                     | Frozen   |   |                                 |   |   |                 |  |                     |  |             |
|   |                                    |                  | Type of Container                | aG<br>1  | ·—·   |                                 | <u> </u>                                  |   |                 |  | ļ                   |  | -           |
| Special Handling and/or Stor<br>All samples are to be frozen prio                       | rage<br>or to shipment to the lab. |                  | No. of Container(s)  Volume      | 120mL  |   | ļ<br>Ē                          |   |   |                 |  |                     |  |             |
|   | SAMPLE ANALYSIS                    |                  |                                  | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |   |                                 |   |   | A1              |  |                     |  |             |
| Sample No.  | Matrix * Sa                        | mple Date        | Sample Time                      | 1200 SEC. 1  | FT O TOPPOPER TO                              | A CYL                           |   |   |                 |  |                     | 327  |             |
| B0V889  | Other Solid 4)                     | 15/90            | 1:06 pm                          | <u> </u>   | <del></del>                                   | <u> </u>                        |   |   |                 | <del>-  </del>   |                     | ·  |             |
|   |                                    |                  |                                  |  | · · · · · ·                                   |                                 |   |   | -               |  |                     |  |             |
|   |                                    | <del> </del>     |                                  |  |   | <del></del>                     |   | <u> </u>  | _               |  |                     |  | _           |
|   |                                    |                  |                                  |  |   |                                 |   |   |                 |  |                     |  |             |
| CHAIN OF POSSESSION  Relinquished By  Relinquished By  Relinquished By  Relinquished By | Date/Time 1331) Reco               | Sign/Prin        | lek RAVIdor<br>16x<br>en 5/27/99 | te/Time  5 25 90  te/Time  te/Time  04 30  te/Time             | Bird or remove                                | e contents fro<br>ed. Samples a | ckaged in :<br>m eggs she<br>re to remain | ziploc bags and<br>ills and analyze<br>n frozen. All sa | the contents. ( | ople bottles. The I<br>Overnight shipm<br>ected from non-no<br>OF 272<br>(ection 1 | ent is<br>ad areas. | Matrix * Soil Water Vapor Other Solid Other Liquid |             |
| LABORATORY Received By  |                                    | ·                |                                  | 'Fiel-   | <u>,                                     </u> |                                 | <u> </u>                                  | <del> </del>  | ·               | <del></del>  | D                   | ste/Time   | _           |
| SECTION FINAL SAMPLE Disposal Me  | ethod                              |                  |                                  |  |   | Disno                           | sed By                                    |   |                 | <del></del>  |                     | ate/Time   | _           |
| DISPOSITION   | <del></del>                        |                  |                                  | <del></del>  |   |                                 |   |   |                 |  |                     | NW ATTING  |             |
|   |                                    |                  |                                  |  |   |                                 |   |   |                 |  |                     |  |             |

| Bechtel Hanfe   | ord Inc.                                   |             | CHAIN OF CUST                 | rody/s <i>a</i>  | MPLI        | E ANAL          | YSIS                    | REQUE   | ST              | В              | 99-056-17   | Page 1 of                            | 1     |
|---|--|-------------|-------------------------------|--|-------------|-----------------|-------------------------|---|-----------------|----------------|-------------|--------------------------------------|-------|
| Collector<br>Ven Cano,                                  | Jerifum Lin                                | سأالد ا     | empany Contact<br>Steve Weiss | Telephone<br>372-953   | No.         |                 |                         | Project Coor  | rdinator        | Price Code     | 9N          | Data Turns                           |       |
| Project Designation Biological Sampling for             | DDT/DDE on the North S                     | Sa          | mpling Location<br>600 Area   |  |             |                 |                         | SAF No.<br>B99-056  |                 |                |             | 45 D                                 | ays i |
| Ice Chest No. ELCO                                      | 16-053                                     | Fic         | id Logbook No.                |  |             |                 |                         | Method of S<br>Federal Ex                                     |                 |                |             |                                      |       |
| Shipped To-<br>TMA RECRA                                |  | Of          | isite Property No.            |  | -           |                 |                         | Bill of Ladin   | g/Air Bill N    | 0.             |             |                                      |       |
|   |  |             |                               |  |             |                 |                         | COA   | MB              | 7122           | 1840        |                                      |       |
| POSSIBLE SAMPLE H                                       | AZARDS/REMARKS                             |             | Preservation                  | Frozen   |             |                 |                         |   |                 |                |             |                                      |       |
|   |  |             | Type of Container             | åG   |             |                 | <u> </u>                |   |                 |                |             |                                      |       |
| Special Handling and/or<br>All samples are to be frozen | Storage<br>n prior to shipment to the lab. |             | No. of Container(s)  Volume   | 120mL  |             | <u> </u><br>    |                         |   |                 |                |             |                                      |       |
|   | SAMPLE ANA                                 | LYSIS       |                               | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |             |                 |                         |   | C3              |                |             |                                      |       |
| Sample No.  | Matrix *                                   | Sample Da   | te Sample Time                |  |             |                 | 135                     | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1                         |                 |                |             | 1.00                                 | ì     |
| 3 <b>0</b> V890   | Other Solid                                | 4/15/9      | 9 1:19 p                      | X  |             |                 |                         | _   | _               | -              |             |                                      |       |
|   |  |             |                               |  |             |                 | _                       |   |                 |                |             |                                      |       |
|   |  |             |                               |  | <u> </u>    | _               | <del> </del>            | _   | -               | -              |             |                                      |       |
| CHAIN OF POSSESSIO                                      | Į.   | $\wedge$    | Print Names                   |  | Bird e      | e contents fro  | ickaged in<br>m eggs sh | ziploc bags and p<br>ells and analyze (<br>in frozen, All sen | the contents. O | vernight shipm | ent is      | Matrix * Soil Water                  |       |
| Politoticle P   | NKUM 526-9                                 | 9           | felfup                        |  | Sur         | uplis S<br>mtun | tor ed<br>U d           | in fr<br>Ablled<br>Offsid                                     | uzera<br>1011 U | om a           | 43728       | Vapor<br>Other Solid<br>Other Liquid |       |
| aliquished By 9 e                                       | Date-Time Date-Time                        | Received By | Toll 5/27/90                  | te/Time  | _Shu        | pmen            | ti                      | offsit  | a Ial           | b. RIN         | 5/26/99     |                                      |       |
| LABORATORY Received SECTION                             | dBy  |             | <u> </u>                      | Title  |             |                 |                         | <u> </u>  | <u>.</u>        |                | Da          | nte/Time                             |       |
|   | al Method                                  |             | <u></u>                       |  | <del></del> | Dispo           | sed By                  | <del></del>   |                 | <del>-</del>   | Da          | tte/Time                             | :     |
|   | ······································     |             |                               | <del>_i</del>  |             | <u></u>         | ·····                   | ······································                        |                 |                | <del></del> |                                      |       |

| Bechtel Hanfo  | rd Inc.   | C           | HAIN OF CUS                 | rody/s   | AMPLI         | E ANAL                     | YSIS         | REQUI                   | EST                 | B                                      | 99-056-18  | Page 1                      | of 1        |
|--|---|-------------|-----------------------------|--|---------------|----------------------------|--------------|-------------------------|---------------------|--|--|-----------------------------|-------------|
| Collector<br>Ken Gano.   | Jenifer Liv   | nuille Sic  | nany Contact<br>ve Weiss    | Telephor<br>372-9  | ne No.<br>531 |                            |              | Project Co<br>TRENT, SJ | ordinator           | Price Code                             | 9N   | Data Turi                   |             |
| Project Designation Biological Sampling for D  | DDT/DDE on the North Sid                            |             | ling Location Area          | orsesh   | ره-ور         | ,                          |              | SAF No.<br>B99-056      |                     |  |  | 45 1                        | Days C      |
| Ice Chest No. COCO   | 16-053  | Field       | Logbook No.                 |  |               |                            |              | Method of Federal E     | Shipment<br>express |  |  |                             |             |
| Shipped To-<br>TMA(RECRA)  |   | Offsit      | e Property No.              |  |               |                            |              | Bill of Ladi            | ing/Air Bill !      | No.                                    |  |                             |             |
|  |   |             |                             |  |               |                            |              | COA                     | MEX                 | +1221                                  | P40  |                             |             |
| POSSIBLE SAMPLE HA   | ZARDS/REMARKS                                       |             | Preservation                | Frozen   | ļ             |                            |              |                         |                     |  |  |                             |             |
|  |   |             | Type of Container           | aG   |               |                            | <u> </u>     |                         |                     |  |  |                             |             |
| Special Handling and/or S<br>All samples are to be frozen  | itorage<br>prior to shipment to the lab.            |             | No. of Container(s)  Volume | 1<br>120mL   | :             |                            |              |                         |                     |  |  |                             |             |
|  | SAMPLE ANAL   | YSIS        |                             | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |                            |              |                         | C3                  |  |  |                             |             |
| Sample No.   | Matrix *  | Sample Date | Sample Time                 |  |               | Mark Ass.                  | E SE         |                         |                     |  |  | F.C.M.                      |             |
| B0V891   | Other Solid   | 4/15/99     | 1:360                       | 4  | <u>-</u>      |                            |              |                         |                     |  | :  |                             |             |
|  |   |             |                             |  |               | <u> </u>                   | <del> </del> | <del></del>             |                     |  | 1  |                             |             |
| <u></u>  |   |             |                             |  |               |                            | ├─           | _                       |                     | <del> </del>                           | <del>                                     </del> |                             | ···         |
| <u> </u>   |   |             |                             |  |               |                            |              |                         |                     |  |  |                             |             |
| CHAIN OF POSSESSION  |   | Sign/Prin   | nt Names                    |  |               | IAL INSTR                  |              |                         | d placed in san     | ple bottles. The l                     | lab is to  | Matrix •                    | <del></del> |
| Relinquished By  | Į.  | / 1         | all A a ( Di                | ate/Time (5  | requir        | ed. Samples a              | re to remain | n frozen. All s         | amples are coll     | Overnight shipmed coted from non-r     | ad areas.  | Water<br>Vapor              |             |
| Manual Andrews of Al   | Date/Time  S/25/09/5  Date/Time Date/Time Date/Time | Received By |                             | SPS 99   | -Su<br>Fo     | uples                      | Sture        | dim                     | fugue               | eat 3                                  | 128  | Other Solid<br>Other Liquid |             |
| Reliabuished By  | Date/Time   | Received By | 4 )                         | ite/Time<br>Pej 30   | Bh            | ipme                       | nt t         | u dik                   | lited               | ub. 61                                 | 49   |                             |             |
| Relinquished By  | Date/Time   | Received By |                             | te/Time  |               | •                          |              | -00                     |                     | -                                      | RUP  |                             |             |
| LABORATORY Received I  | Ву  | <b>!</b>    | <del>'</del>                | Titl   | 6             |                            |              |                         | ·                   |  | Da   | te/Time                     |             |
| FINAL SAMPLE Disposal DISPOSITION  | Method  |             |                             | <u></u>  |               | Dispo                      | sed By       | <del></del>             |                     |  | Da   | te/Time                     |             |
| AN CONTRACTOR OF THE CONTRACTO |   |             |                             |  | _             | · <del>-</del> · · · · · · | <del></del>  |                         |                     | ······································ | <u> </u>   |                             |             |

| Bechtel Hanford  | Inc.                             | . C                     | CHAIN OF CUST               | rody/s   | AMPL                   | E ANAL                            | YSIS                                    | REQUE  | ST                             | B:  | 99-056-19           | Page 1 of 1                             |
|--|----------------------------------|-------------------------|-----------------------------|--|------------------------|-----------------------------------|---|--|--------------------------------|---|---------------------|---|
| Collector ken Gano,  | Jenifer 1                        | St.                     | pany Contact<br>eve Weiss   | Telepho<br>372-9   | ne No.<br>53 i         |                                   |   | Project Coo<br>TRENT, SJ                               | rdinator                       | Price Code  | 9N                  | Data Turnaround                         |
| Project Designation Biological Sampling for DD                   | DDE on the North                 | Slope - Ot 60           | pling Location<br>0 Area #  | orsest   | we                     |                                   |   | SAF No.<br>B99-056                                     |                                |   |                     | 45 Days                                 |
| Ice Chest No. ALCO   | 163                              |                         | Logbook No.                 |  |                        |                                   |   | Method of S<br>Federal E                               | hipment                        |   |                     |   |
| Shipped To-<br>TMA/RECRA   | 0.50                             | Offsi                   | te Property No.             |  |                        | <u>.</u>                          |   | Bill of Ladia  |                                | No.   |                     |   |
|  |                                  |                         |                             |  |                        |                                   |   | COA  | MEA                            | 12211   | <del>1</del> ()     |   |
| POSSIBLE SAMPLE HAZA   | RDS/REMARKS                      |                         | Preservation                | Frozen   |                        |                                   |   |  |                                | _   |                     |   |
|  |                                  |                         | Type of Container           | aG   |                        |                                   |   |  |                                | IDPIPU  Inple bottles. The lab is to Overnight shipment is lected from non-rad areas.  USC AL 377  MUNTIL  GLAB. FRAM |                     |   |
| Special Handling and/or Stor. All samples are to be frozen prior | nge<br>r to shipment to the lab. |                         | No. of Container(s)  Volume | 1<br>120mL   |                        |                                   |   |  |                                |   |                     |   |
|  | SAMPLE ANA                       | ALYSIS                  |                             | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |                        |                                   |   |  | B3                             |   |                     |   |
| Sample No.   | Matrix *                         | Sample Date             | Sample Time                 |  |                        |                                   |   |  |                                | THE PERSON NAMED IN   |                     | 1 MS 11                                 |
| B0V892   | Other Solid                      | 4/15/99                 | 1:32 pm                     | X  |                        |                                   |   | -  | -                              |   |                     | ·                                       |
|  |                                  |                         |                             |  |                        |                                   |   |  |                                |   |                     |   |
|  |                                  |                         |                             |  |                        |                                   |   |  |                                |   |                     |   |
| CHAIN OF POSSESSION Lelinquished By                              | Date/Time いろ                     |                         | nt Names  L. Nicken         | 5/25/94  | Bird or remove require | e contents from<br>ed. Samples ar | ckaged in :<br>n eggs she<br>e to remai | ziploc bags and<br>ils and analyze<br>n frozen. All sa | the contents.<br>uples are col | Overnight shipme<br>lected from non-ra  | ent is<br>ad areas. | Matrix * Soil Water Vapor / Other Solid |
| clinquished By P NYCL  | Son 5-26-9 Date/Time             | Received By Received By | Fed Eup "                   | ite/Time<br>ite/Time<br>OH 3/                                  | _\mathre               | m lu                              | utl<br>nt                               | of col   | leep                           | n unt   | il sign             | Other Liquid                            |
| olinquished By   | Date/Time                        | Received By             | 7,000 5/07/49<br>Da         | te/Time  |                        |                                   |   |  | 0022                           |   | JUST                |   |
| LABORATORY Received By SECTION                                   |                                  |                         |                             | <b>31</b> ()   | ·                      |                                   | <del></del>                             |  |                                |   |                     | te/Time                                 |
| FINAL SAMPLE Disposal Me DISPOSITION                             | thod                             |                         |                             |  | _                      | Dispos                            | sed By                                  |  |                                | ······································  | Dı                  | ate/Time                                |

| Bechtel Hanford In  | c.                                   | C  | HAIN OF CUST                | TODY/S   | AMPL        | E ANAL                                | YSIS           | REQUE  | ST             | В  | 99-056-20                             | Page 1                               | of 1     |
|---|--------------------------------------|--|-----------------------------|--|-------------|---------------------------------------|----------------|--|----------------|--|---------------------------------------|--------------------------------------|----------|
| Collector<br>Ken Gaw, Jen   | for Linvill                          | Le Ster  | any Contact<br>ve Weiss     | Telephor<br>372-9  |             |                                       |                | Project Coo<br>TRENT, SJ                         | rdinator       | Price Code   | 9N                                    |                                      | rnaround |
| Project Designation Biological Sampling for DDT/D   | DE on the North Slope -              | Ot 600   | ling Location Area          | icshoc   |             |                                       |                | SAF No.<br>B99-056                               |                |  |                                       | 45                                   | Days I   |
| Ice Chest NECCOL DO   | 33                                   | Field 1  | Logbook No.                 |  |             | · · · · · · · · · · · · · · · · · · · |                | Method of S<br>Federal Ex                        | press          | ,,,,,  | · · · · · · · · · · · · · · · · · · · |                                      |          |
| Shipped To<br>TMA/RECRA   |                                      | Offsite  | e Property No.              |  |             |                                       |                | Bill of Ladin                                    | g/Air Bill !   | No.  | · ·                                   |                                      |          |
|   |                                      |  |                             |  |             |                                       |                | COA M  | 13412          | 2104   | O                                     |                                      |          |
| POSSIBLE SAMPLE HAZARD  | S/REMARKS                            |  | Preservation                | Frozen   |             |                                       |                |  |                |  |                                       |                                      |          |
| ·   |                                      |  | Type of Container           | aG   |             |                                       |                |  |                |  |                                       |                                      |          |
| Special Handling and/or Storage All samples are to be frozen prior to   | skioment to the lab                  |  | No. of Container(s)  Volume | l<br>120mL   |             |                                       |                |  |                |  |                                       |                                      |          |
| ras assigner are to be floored prior to   | SAMPLE ANALYSIS                      | s  | 1                           | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |             |                                       |                |  | DH3            | •  |                                       |                                      |          |
| Sample No.  | Matrix *                             | Sample Date  | Sample Time                 |  | e jar o ray |                                       |                |  |                |  |                                       |                                      | į        |
| B0V893  | Other Solid                          | 115/99   | 1:41 PM                     | X  |             |                                       |                |  |                |  |                                       | -                                    |          |
|   |                                      |  |                             |  |             |                                       | <del> </del> - |  |                | <del></del> -  |                                       |                                      |          |
|   |                                      |  |                             |  |             | <del> </del>                          |                | <del>                                     </del> | -              | _  | <del>-</del>                          |                                      |          |
|   |                                      |  |                             |  |             |                                       |                |  |                |  |                                       |                                      |          |
| CHAIN OF POSSESSION   |                                      | Sign/Prin  |                             |  | Bird o      | ve contents from                      | ckaged in a    | ziploc bags and                                  | he contents.   | ple bottles. The<br>Overnight shipm                  | ent is                                | Matrix Soil Wester                   | •        |
| Relinquished By  Relinquished By  Relinquished By  Relinquished By  Relinquished By  Relinquished By  Relinquished By  Relinquished By  Relinquished By | Date/Time (PD 1530) Date/Time 1330 R | FOR THE PARTY OF T | lboth Nielson of            | 125 99<br>25 99  |             | red. Samples ar<br>Mylles<br>M. Lact  | STM.           | n frozen. All sar<br>LA (N)<br>COLLECTO          | nples are coll | ected from non-e<br>187 at 2<br>1941<br>1950<br>1914 | nd areas.<br>5728                     | Vapor<br>Other Solid<br>Other Liquid |          |
| telinquished By   | Date/Time R                          | locceived By   | 2 5/27/99 0                 | e/Time<br>930  | _sh         | ipmen                                 | tw             | doit   | e lak          | 5/26/9   | לוא ף!                                |                                      |          |
| teliaquished By<br>   | Date/Time R                          | leceived By  | Dat                         | e/Time   |             |                                       | <u>_</u>       |  |                |  |                                       |                                      | <u> </u> |
| LABORATORY Received By SECTION  | •                                    |  |                             | Tid  |             |                                       |                |  |                |  | i.                                    | Pate/Time                            |          |
| FINAL SAMPLE Disposal Method DISPOSITION  |                                      |  |                             |  |             | Dispo                                 | sed By         |  |                |  | D                                     | ate/Time                             |          |

| Bechtel Hanford In  | c.                                     | C           | HAIN OF CUS                 | TODY/S  | AMPLI         | E ANAL    | YSIS         | REQ                | JEST  | В                | 99-056-21 | Page 1               | of 1         |
|---|--|-------------|-----------------------------|---|---------------|-----------|--------------|--------------------|---|------------------|-----------|----------------------|--------------|
| Collector J. Linville   |  | Comp<br>Ste | eany Contact<br>ve Weiss    | Telepho<br>372-9  | ne No.<br>531 |           |              | TRENT,             |   | Price Code       | 9N        |                      | rnaround     |
| Project Designation Biological Sampling for DDT/DI                      |  | se - Ot 600 | ling Location<br>Area       |   |               |           |              | SAF No.<br>B99-056 |   | l<br>!           |           | 45                   | Days C       |
| Ice Chest No RLC 96 05  | 3                                      | Field       | Logbook No.                 | <del></del>   |               | <u> </u>  |              |                    | of Shipment<br>I Express  |                  |           |                      |              |
| Shipped To<br>TMA(RECRA   |  | Offsite     | e Property No.              |   |               |           |              | Bill of L          | iding/Air Bill l  | No.              |           |                      |              |
|   |  |             |                             |   |               |           |              | COA                | MPA12   | 21940            | )         |                      |              |
| POSSIBLE SAMPLE HAZARDS   | S/REMARKS                              |             | Preservation                | Frozen  |               | ·         |              |                    |   |                  |           |                      |              |
|   |  |             | Type of Container           | aG  |               |           | 1            |                    |   |                  |           |                      |              |
| Special Handling and/or Storage All samples are to be frozen prior to s | hinment to the lab                     | 4           | No. of Container(s)  Volume | 1<br>120mL  |               |           |              |                    |   |                  |           |                      |              |
| 7.2. <b>3.3.</b> proc 10.   | SAMPLE ANALY                           | rsis ·      |                             | Pest/PCBs -<br>\$081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |           |              | 720                | 22  |                  |           |                      |              |
| Sample No.  | Matrix *                               | Sample Date | Sample Time                 |   |               |           |              |                    |   |                  | 1 7 8 4 7 |                      |              |
|   | Other Solid                            | 4/15/99     | 11:270                      | X   |               |           |              |                    |   |                  |           |                      |              |
| `   |  |             |                             |   |               |           |              |                    |   |                  |           |                      |              |
|   |  |             |                             |   |               |           | ļ            |                    |   |                  |           |                      |              |
|   |  |             |                             |   |               |           |              |                    |   |                  |           |                      |              |
|   |  |             |                             |   |               | IAL INSTR |              |                    | <u> </u>  |                  |           | Matrix               |              |
| CHAIN OF POSSESSION   | ······································ | Sign/Prin   |                             | 16  | -1 A)         |           |              |                    | and placed in san<br>yze the contents.  | •                |           | Soil<br>Water        |              |
| Relinquished By  Spanished R. J. J. J. J. J. J. J. J. J. J. J. J. J.    | Date/Time<br>5/25/00) 155              |             | lies fraiet                 | S 5 25  | Sha Cily      | n h)ac c  | Tre to remai | n trozen. A        | samples are coll  | ected from non-n | of areas. | Vapor<br>Other Solid |              |
| R Viels   | Date/Time 133 U                        | Received By | LW/ Di                      | ite/Time  | - Jan         | m dat     | e ik         |                    | tyze the contents. It samples are colling the samples are colling the samples are colling the samples are colling to the samples are colling to the samples are colling to the samples are colling to the samples are contents. | nd:1             | 8         | Other Liquid         | 1            |
| Relibouished Rv   | Date/Time                              | Received By | n 5/27/99 0                 | nte/Time  | Khi           | DMON      | r+1          | alk                | ito lat   | 1 67/            | 199 RIN   |                      |              |
| Relisquished By   | Date/Time                              | Received By | De                          | te Time   |               | 7.00      | . 40         | off                | were  | ), 2,00          | (1710)    |                      |              |
| LABORATORY Received By SECTION  |  | <u> </u>    | <del></del>                 | Titl  | <u></u>       |           | <u> </u>     | <u></u>            |   | <del></del>      | D         | ate/Time             | <del></del>  |
| FINAL SAMPLE Disposal Method DISPOSITION                                |  |             |                             | <del></del>   |               | Dispo     | sed By       |                    |   |                  | D         | ate/Time             | <del> </del> |
| <b>**</b>   | · · · · · · · · · · · · · · · · · ·    |             |                             |   |               |           |              | <del></del>        | · · · · · · · · · · · · · · · · · · ·   |                  |           |                      |              |

| Bechtel Hanford   | i Inc.   | C  | CHAIN OF CUST                         | rody/s.                                 | AMPĹI  | E ANAL                              | YSIS                       | REQ                     | UES'              | т                                 | B                | 99-056-22                               | Page 1        | of 1        |
|---|--|--|---------------------------------------|---|--|-------------------------------------|----------------------------|-------------------------|-------------------|-----------------------------------|------------------|---|---------------|-------------|
| Collector J. LY   | Company Costact Steve Webs Steve  | 9N   |                                       | naround                                 |  |                                     |                            |                         |                   |                                   |                  |   |               |             |
|   |  | Company Contact Steve Weiss  Steve Weiss  Star No.  Sampling Location So Of Area  Be on the North Slope - Ot  Sampling Location So Of Area  Field Logbook No.  Offsite Property No.  Offsite Property No.  Offsite Property No.  Offsite Property No.  Fresen  Type of Container  Type of Container  No. of Container(s)  Volume  Perform  Type of Container  No. of Container(s)  Volume  Perform  Sample Date  Sample Time  Sign/Print Names  Distribute  Sign/Print Names  Distribute  Sign/Print Names  Distribute  Distribute  Distribute  Sign/Print Names  Distribute  Distribute  Sign/Print Names  Distribute  Distribute  Sign/Print Names  Distribute  Distribute  Distribute  Sign/Print Names  Distribute  Distribute  Distribute  Sign/Print Names  Distribute |                                       |   | 45]  | Days 🖰                              |                            |                         |                   |                                   |                  |   |               |             |
| Ice Chest No GRCGLO   | Steve Weiss 372-9531  TRENT, SI  Proceed on the North Slope - Ot 600 Area 600 Area 600 Area 600 Area 70 - 053  Offsite Property No.  Offsite Property No.  Diffsite Property No.  COA MTADD PM  Type of Container 96  No. of Container(s) 1  No. of Container(s) 1  No. of Container(s) 1  No. of Container(s) 1  Whatrix * Sample Date Sample Time 900 Area 1000 Ar |  |                                       | •                                       |  |                                     |                            |                         |                   |                                   |                  |   |               |             |
| Shipped To<br>TMA/RECRA   |  | Offsi  | te Property No.                       |   |  |                                     |                            | Bill of                 | Lading/           | Air Bill N                        | 0.               |   |               |             |
|   |  | SAMPLE ANALYSIS  Matrix * Sample Date  Other Solid 4/15/99  Sign/Print  Date/Time  (25/99 1532- Received By  Date/Time 1/32) Received By   |                                       | ····                                    | <del></del>  |                                     |                            | COA                     | ME                | A126                              | 1940             | )                                       |               |             |
| POSSIBLE SAMPLE HAZ   | ARDS/REMARKS   |  | Preservation                          | Frozen                                  |  |                                     |                            |                         |                   |                                   |                  |   |               |             |
|   |  |  | Type of Container                     | #G                                      |  |                                     |                            |                         |                   |                                   |                  |   |               |             |
| Special Handling and/or Sto<br>All samples are to be frozen pri   | orage<br>for to shipment to the lab.   |  |                                       |   |  |                                     |                            |                         |                   |                                   |                  |   |               |             |
|   | SAMPLE ANA   | LYSIS  |                                       | 8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'- |  |                                     |                            |                         |                   | zc1                               |                  |   |               |             |
| Sample No.  | Matrix *   | Sample Date  | Sample Time                           |   | Property of the Control of the Contr |                                     | TO SULTON                  |                         | gen) to game in a |                                   |                  | 3 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | ALCON TO      | •           |
| B0V895  | Other Solid  | 4/15/90  | 11:220                                | X                                       |  |                                     |                            |                         |                   |                                   |                  |   |               |             |
|   |  |  |                                       |   |  | <u> </u>                            |                            |                         |                   |                                   | <del> </del>     |   |               | <del></del> |
|   |  |  |                                       |   |  |                                     |                            |                         |                   |                                   |                  |   |               |             |
|   |  |  |                                       |   | SPEC   | IAL INSTR                           | UCTIO                      | NS .                    |                   | <u> </u>                          |                  | <u> </u>                                | Matrix 1      |             |
| CHAIN OF POSSESSION   |  |  |                                       |   | Bird o   | eggs will be pa<br>ve contents from | ckaged in<br>m eggs sh     | ziploc ba<br>elis and a | nalyze the        | contents. O                       | vernight shipm   | ent is                                  | Soil<br>Water |             |
| Relinquished By  Relinquished By  Relinquished By  Relinquished By  Relinquished By  Relinquished By  Relinquished By | Date/Time 173  | Received By  | der F. Nelson                         | te/Time 19<br>G/C/D/O<br>te/Time        | 30 5/1<br>- 100  | ed. Samples as<br>NYUS<br>YM 1/10   | re to remai<br>Shv<br>LL d | n frozen.<br>LLO        | M (               | les are collect<br>fulz<br>1000 U | ered from non-ri | 3728                                    |               |             |
| Relinquished By   | 4  |  | u 5/27/99                             | te/Time                                 | Bu   | ipmen                               | ut t                       | o d                     | Hi                | tell                              | b. 5/2           | , laa Alp                               | )             |             |
| Relinquished By   |  | Received By  |                                       |   |  |                                     |                            | -(                      | JU                |                                   |                  |   |               |             |
| LABORATORY Received By<br>SECTION   |  |  | · · · · · · · · · · · · · · · · · · · | Title                                   |  |                                     |                            |                         |                   |                                   |                  | Da                                      | te/Time       |             |
|   | lethod   |  | <del></del>                           |   |  | Dispo                               | sed By                     |                         | <del></del>       |                                   | <del></del>      | Da                                      | te/Time       |             |
| 灣.  |  |  |                                       |   |  | <del></del>                         |                            |                         |                   | <u></u>                           |                  | <del></del>                             |               |             |

| Bechtel Hanford                                 | Inc.        | 0           | CHAIN OF CUS                | TODY/S   | AMPLI       | E ANAL         | YSIS        | REQU               | EST                   | В  | 99-056-23    | Page 1  | of 1.     |
|---|-------------|-------------|-----------------------------|--|-------------|----------------|-------------|--------------------|-----------------------|--|--------------|---|-----------|
| Collector Limile                                | <u> </u>    |             | pany Contact                | Telephor<br>372-95   | ie No.      | _ <del></del>  |             | Project C          | oordinator<br>J       | Price Code   | 9N           |   | around CC |
| Project Designation Biological Sampling for DDT |             | Sam         | pling Location              |  |             |                |             | SAF No.<br>B99-056 |                       | Price Code 9N  Sill No.                              |              | 45 I  | )ays 🖰    |
| Ice Chest No. BLC96-C                           |             | <u> </u>    | l Logbook No.               |  | <del></del> | <del></del>    |             | Method o           | f Shipment<br>Express |  |              |   |           |
| Shipped To<br>TMA/RECRA                         |             | Offsi       | te Property No.             |  | <del></del> | <del></del>    |             | Bill of La         | ding/Air Bill N       | o.  APU  Ile bottles. The lab is to                  |              |   |           |
|   |             | <del></del> |                             | <del></del> _  | <del></del> |                |             | COA                | MBA122                | Price Code 9N  O.  O.  Obline bottles. The lab is to | )            |   |           |
| POSSIBLE SAMPLE HAZAI                           | RDS/REMARKS |             | Preservation                | Frozen   |             |                |             |                    |                       |  |              |   |           |
|   |             |             | Type of Container           | aG   |             |                |             |                    |                       | Price Code 9N  |              |   |           |
| Special Handling and/or Store                   |             |             | No. of Container(s)  Volume | 1<br>120mL   |             |                |             |                    |                       |  |              |   |           |
| All samples are to be frozen prior              | SAMPLE ANA  | LYSIS       | 1                           | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |             |                |             |                    | 201                   | •  |              |   | <u></u>   |
| Sample No.                                      | Matrix *    | Sample Date | Sample Time                 |  |             |                |             |                    |                       |  |              |   |           |
| B0V896  | Other Solid | 4/15/99     | 11:41                       | X  |             |                |             |                    |                       |  |              |   |           |
| ·   |             |             |                             |  | ·           |                |             |                    |                       |  |              |   |           |
|   |             |             |                             |  | 777         |                |             | -                  |                       |  |              |   |           |
| CHAIN OF POSSESSION                             |             | Sign/Pri    | int Names                   | <u> </u>   | Bird e      |                | ckaged in   | ziploc bags a      |                       |  |              | Matrix *                                      |           |
| Relinquished By                                 | Date/Time   | Received By | Nels R. Nels                | nte/Time   | 30 JU       | ed. Samples as | re to remai | n frozen. All      | samples are colle     | cted from non-ri                                     | 3728         | Water<br>Vapor<br>Other Solid<br>Other Liquid |           |
| Radisquished By 2 el                            | Date/Time   | Received By | ed up                       | ate/Time   | -tio        | m llo<br>Ipme  | nt t        | ) con              | ection                | unti   | 1<br>1512619 |   |           |
| Relinquished By                                 | Date/Time   | Reseived By |                             | ite/Time   |             |                |             |                    |                       |  |              |   |           |
| LABORATORY Received By SECTION                  |             |             |                             | Title  |             | •              |             |                    |                       |  | Di           | ite/Time                                      |           |
| FINAL SAMPLE Disposal Met DISPOSITION           | hod         |             | ····                        |  |             | Dispo          | sed By      |                    | <del></del>           |  | Da           | ite/Time                                      |           |
| DEDI GSTITON                                    |             |             |                             | <del></del>  |             |                |             |                    |                       |  | ·            |   |           |

| Bechtel Hanfor   | d Inc.                     |                                     | CHAIN OF CUST                | TODY/S   | AMPLI        | E ANAL                            | YSIS I                       | REQ                    | UEST                                     | В               | 99-056-24 | Page 1 c                             | of 1        |
|--|----------------------------|-------------------------------------|------------------------------|--|--------------|-----------------------------------|------------------------------|------------------------|--|-----------------|-----------|--------------------------------------|-------------|
| Collector<br>Ken Cano  | M.Linvill                  | e Cor                               | mpany Contact<br>Steve Weiss | Telephor<br>372-95   | ie No.<br>31 |                                   | <u>[</u> 1                   | TRENT                  | <u> </u>                                 | Price Code      | 9N        | Data Turz                            | naround     |
| Project Designation Biological Sampling for Di               | /<br>OT/DDE on the North S | San                                 | npling Location<br>500 Area  |  |              |                                   | ĵ.                           | SAF No<br>B99-056      | ).<br>5                                  |                 |           | 45, £                                | )ays        |
| Ice Chest No ERCAL   | -053                       | Fiel                                | ld Logbook No.               | <del></del> -  |              |                                   |                              | Fede                   | of Shipment<br>al Express                |                 |           |                                      |             |
| Shipped To<br>TMA/RECRA                                      |                            | Off                                 | site Property No.            |  | <u> </u>     |                                   |                              | Bill of L              | ading/Air Bill                           | No.             |           |                                      |             |
|  |                            |                                     |                              |  |              |                                   |                              | COA                    | MEANZ                                    | 21940           | >         |                                      |             |
| POSSIBLE SAMPLE HAZ  | ARDS/REMARKS               |                                     | Preservation                 | Frozen   |              |                                   |                              |                        | -  |                 |           |                                      |             |
| •  |                            |                                     | Type of Container            | aG   |              |                                   |                              |                        |  |                 |           |                                      |             |
| Special Handling and/or St<br>All samples are to be frozen p | orage                      |                                     | No. of Container(s)  Volume  | 1<br>120mL   |              |                                   |                              |                        |  |                 |           |                                      |             |
| An samples are to be nozen p                                 | SAMPLE ANA                 | LYSIS                               | <u>. I </u>                  | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |              |                                   |                              |                        | 20                                       | 3               |           |                                      |             |
| Sample No.   | Matrix *                   | Sample Date                         | e Sample Time                |  |              |                                   |                              |                        |  |                 |           |                                      |             |
| B0V897   | Other Solid                | 5/15/9                              | 9 11:34 a                    | K  |              |                                   |                              | -                      |  |                 | -         | <del>'</del>                         |             |
|  |                            |                                     |                              |  | ·            |                                   |                              |                        |  |                 |           |                                      |             |
|  |                            |                                     |                              |  |              |                                   |                              |                        |  |                 |           |                                      |             |
| CHAIN OF POSSESSION  |                            |                                     | rint Names                   |  | Bird o       | e contents from                   | ckaged in zi<br>m eggs shell | iploc bag<br>Is and an | s and placed in sa<br>alyze the contents | Overnight shipm | nent is   | Matrix * Soil Water                  |             |
| Colinquished By  Alipquished By                              | Date/Time  3               | Received By Received By Received By | Mielson Ruiels               | te/Time<br>DV 5/25<br>te/Time                                  |              | ed. Samples ar<br>MPUS<br>MATORIA | STUL<br>THILL                | frozen.<br>LV          | All samples are co                       | NH3             | nd areas. | Vapor<br>Other Solid<br>Other Liquid |             |
| telisquished By  | Date/Time                  | Received By                         | ren 5/27/99                  | te/Time<br>0430  |              | ypnie                             | nt ti                        | yy                     | 4b. 97                                   | 4199 R          | المر      |                                      |             |
| Relinquished By  | Date/Time                  | Received By                         | Da                           | te/Time  |              |                                   |                              | <u>.</u> -             |  |                 |           |                                      |             |
| LABORATORY Received B SECTION                                | ·                          |                                     |                              | Tid  | e<br>        |                                   | sed By                       |                        |  |                 |           | ate/Time                             | <del></del> |
| FINAL SAMPLE Disposal I                                      |                            |                                     |                              |  |              |                                   |                              |                        |  |                 |           | ata /Tima                            |             |

| Bechtel Hanford   | Inc.                   |              | СНА                | IN OF CUST         | rody/s/  | AMP           | LE ANAL  | YSIS            | REQUES                                | T              | E              | 199-056-25              | Page 1  | of 1        |
|---|------------------------|--------------|--------------------|--------------------|--|---------------|--|-----------------|---------------------------------------|----------------|----------------|-------------------------|---|-------------|
| Collector   | ••                     |              | Company<br>Steve W | Contact            | Telephon<br>372-95   | e No.         |  |                 | Project Coord                         | linator        | Price Code     | 9N                      | Data Tı                                       | rnaround    |
| Ven Gano Te<br>Project Designation<br>Biological Sampling for DD  | wfer Linv              |              | Sampling 1         | Location           | Horsesv  |               |  | <del></del>     | SAF No.<br>B99-056                    |                |                |                         | 45  | Days o      |
| ce Chest No Del Qu  |                        |              | Field Logi         |                    | LIOI SCZA  | سو            |  |                 | Method of Shi<br>Federal Exp          |                |                | <del></del>             |   |             |
| hipped To<br>TMA(RECRA)   | <u> </u>               |              | Offsite Pro        | perty No.          |  | ········      |  |                 | Bill of Lading                        |                | 0.             | <u></u>                 | <u></u>                                       | <del></del> |
| IMPURECTY   |                        |              | <del></del>        | <del></del>        |  |               |  |                 | COA . A                               | <u> </u>       |                |                         |   | <u></u>     |
| <del></del>   | <u> </u>               | <del></del>  | <del></del>        | <del></del>        | <del>,                                    </del>           |               | <del></del>  | Γ               | COX (                                 | 112H1          | RIPH           | $\frac{\upsilon}{\bot}$ |   | <del></del> |
| POSSIBLE SAMPLE HAZA  | RDS/REMARKS            |              |                    | Preservation       | Frozen   |               |  |                 |                                       |                |                | -                       | <u> </u>                                      |             |
|   |                        |              | T                  | ype of Container   | åG   |               |  |                 |                                       |                |                |                         |   |             |
|   |                        |              | No                 | o. of Container(s) |  |               |  |                 |                                       |                |                |                         |   |             |
| Special Handling and/or Stor<br>All samples are to be frozen prio |                        |              |                    | Volume             | 120mL  |               |  |                 |                                       |                | _              | _[]                     |   |             |
|   | SAMPLE ANA             | LYSIS        |                    | ·                  | Pes/PCBs -<br>8081 {4,4-<br>DDD, 4,4-<br>DDE, 4,4-<br>DDT} |               |  |                 |                                       | DHO            |                |                         |   |             |
| Sample No   | Matrix *               | Sample I     | Date               | Sample Time        |  | 197 et 1977   |  | William Princip |                                       |                |                |                         | The state of                                  |             |
| 0 <b>∨</b> 898  | Other Solid            | 4/15/        | (99                | 1.460              | X  | Y-101/1-101/- | 07.0 (2.02), 0.07.7.7  | N ( A 2 )       | and a band to be a second as a second | S to Servi out |                |                         |   |             |
|   |                        |              |                    |                    |  |               |  |                 |                                       | <del> </del>   |                |                         |   |             |
|   | <u></u>                |              | <del></del>        |                    |  |               |  |                 |                                       | -              |                | -                       |   |             |
|   |                        |              |                    |                    |  |               |  |                 |                                       |                |                |                         |   |             |
| CHAIN OF POSSESSION   |                        | Sign         | n/Print Na         | mes                |  | В             | ECIAL INSTRUITED IN TRUITED IN THE PROPERTY IN | kaged in        | ziploc bags and pl                    |                |                |                         | Matrix<br>Soil                                | •           |
| linguished By  linguish B DP 18 K. N. P.                          | Date/Time 133          | Réceived B   | ء سـ کا            | R. Nielson 5       | te/Time  5.<br>25 09  5.<br>te/Time                        | . T re        | equired. Samples are   | to remai        | n frozen. All samı                    | oles are colle | cted from non- | rad areas.              | Water<br>Vapor<br>Other Solid<br>Other Liquid |             |
| iriquished By   | USON & Uo-GG Date/Time | Received B   | odu                | 5/27/99 Da         | te/Time<br>09/30   |               | ioni da  | . 5             | 124 199                               | RA             | )              | x Grupi ic              | wq  |             |
| lisquished By   | Date/Time              | Received B   | By                 | Da                 | te/Time  |               |  |                 |                                       |                |                |                         |   | •           |
| ABORATORY Received By SECTION                                     | ,                      | \            | ···                |                    | Title  | :             |  |                 |                                       |                |                | D                       | ate/Time                                      | <del></del> |
| INAL SAMPLE Disposal Me   | xthod                  |              |                    |                    |  |               | Dispos   | ed By           |                                       |                |                | Da                      | ate/Time                                      |             |
| \$ '5   | <del></del>            | <del> </del> |                    |                    |  |               |  |                 |                                       |                |                | <del></del>             |   | ·····       |

| Bechtel Hanford  | Inc.                               |  | СНА         | IN OF CUST                            | TODY/S   | AMPL)          | E ANAL          | YSIS        | REQUES                      | r .         | B                | 99-056-26  | Page 1                        | of 1        |
|--|------------------------------------|--|-------------|---------------------------------------|--|----------------|-----------------|-------------|-----------------------------|-------------|------------------|--|-------------------------------|-------------|
| Collector<br> Len Can  | o J. Vinvi                         | ile o  | Company C   | Contact                               | Telepho<br>372-9   |                |                 |             | Project Coordi<br>TRENT, SJ | nator       | Price Code       | 9N   | Data Tur                      |             |
| Project Designation  | •                                  | Si   | ampling L   | ocation                               |  |                |                 |             | SAF No.                     |             |                  |  | 45 I                          | )ays        |
| Too Chart No   |                                    |  |             |                                       | <u> </u>   | <del></del>    |                 |             | Method of Ship              |             |                  | <del></del>                                      | <del></del>                   |             |
| Shipped To   | -055                               |  | ffeite Pro  | nerty No                              |  |                |                 |             | ·                           |             | Vo.              |  |                               |             |
| TMARECRA   |                                    |  | 113116 1 10 | perty 110.                            |  |                |                 | į           | Din of Lagring              | tii Diiy i  | 10.              |  |                               |             |
|  |                                    |  | ,           |                                       |  |                |                 |             | COA ME                      | 3412        | 71 940           | <b>)</b>   |                               |             |
| POSSIBLE SAMPLE HAZA   | ARDS/REMARKS                       |  |             | Preservation                          | Frozen   |                |                 |             |                             |             |                  |  |                               | .:          |
|  |                                    |  | Ту          | pe of Container                       | aG   |                |                 |             |                             |             |                  |  |                               |             |
| ·  |                                    |  | No.         | of Container(s)                       | 1  |                |                 |             |                             |             |                  |  |                               |             |
| Special Handling and/or Stor<br>All samples are to be frozen pri | rage<br>or to shipment to the lab. |  |             | Volume                                | 120mL  | ļ<br>Ē         | l               |             |                             |             |                  |  |                               |             |
|  | SAMPLE ANA                         | LYSIS  |             |                                       | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |                |                 |             | A5                          |             |                  |  |                               |             |
| Sample No.   | : Matrix *                         | Sample D   | atc         | Sample Time                           |  | PARTICIPATE OF |                 |             |                             |             | A COLUMN         | THE VI   |                               |             |
| B0V899   | Other Solid                        | 4/15/  | 199         | 1350                                  | K  |                |                 |             |                             |             | _                |  |                               |             |
|  |                                    |  |             | · · · · · · · · · · · · · · · · · · · |  |                |                 | <b> </b>    |                             |             |                  | <del>                                     </del> |                               |             |
|  |                                    |  |             |                                       | ·  |                |                 | ļ           |                             |             |                  |  |                               | · · · · ·   |
| <del></del>  |                                    | ļ  |             |                                       |  | <u> </u>       | ļ               | <u> </u>    | _                           |             | <del> </del>     | <del>                                     </del> |                               |             |
| CHAIN OF POSSESSION  |                                    | Sign/  | /Print Nat  | mes                                   |  | Bird           | eggs will be pa | ckaged in a | ziploc bags and pla         | ced in sam  | ple bottles. The | ab is to   | Matrix *                      | <del></del> |
| Relinquished By  | Date/Time 152                      | S POLICE   | the         | for R. Niels                          | n Size   | requi          | red. Samples ar | e to remai  | n frozen. All sampl         | es are coll | ected from non-n | nd areas.  | Water<br>Vapor<br>Other Solid | :           |
| The sold three   | Melson Grupe                       | Received By  | Fei         | Lex Da                                | te/Time  | 37             | 28 Fr           | )M          | date of                     | 6           | Ilection         | n l  | Other Liquid                  |             |
| Relinquished By Ped  | Date/Time Date/Time                | <u></u>  | odu         | 5/27/99                               | 0430   | - $ $ $W$      | Uth I Si        | upl         | ment =                      | <b>w</b> .  | tab. 51          | u pin  |                               |             |
| Catacharace by   | DWA TIME                           | Offsite Property No.  COA MBA122  ARKS  Preservation Type of Container  No. of Container(s) Volume  PeuPCBs. Soil (4,4,- DDT) DDC, 4,4,- DDT)  Solid  4/15/9 9 1350  SPECIAL INSTRUCTIONS Bild eggs will be packaged in zipice bags and placed in sample tremove contents from eggs shells and analyze the contents, Over required. Samples are to remain contents. As Supple State of the Supple State of the Supple State of the Supple State of the Supples are to remain contents. Over required. Supples are to remain call as a supple supple State of the Supples are to remain contents. Over required. Supples are to remain call as a supple supples are to remain contents. Over required. Supples are to remain call as a supple supple supples are to remain su |             |                                       | }  |                |                 |             |                             |             |                  |  |                               |             |
| LABORATORY Received By SECTION                                   |                                    | the North Slope - Ot 600 Area  |             |                                       |  | Dat            | le/Time         |             |                             |             |                  |  |                               |             |
| FINAL SAMPLE Disposal M DISPOSITION                              | ethod                              | ····   |             |                                       | <del></del>  | <del></del>    | Dispos          | sed By      |                             |             |                  | Dat  | le/Time                       |             |
|  | <del></del>                        | <del></del>  |             |                                       |  |                |                 |             |                             |             | <del></del>      |  |                               |             |

| Bechtel Hanford  | Inc.                 |               | СН               | IAIN OF CUS                            | FODY/S   | AMPL        | E ANAL             | YSIS       | REQU               | UEST                     | В                                     | 99-056-53 | Page 1         | of 1       |
|--|----------------------|---------------|------------------|--|--|-------------|--------------------|------------|--------------------|--------------------------|---------------------------------------|-----------|----------------|------------|
| Collector . Waiss  | 1J. Li               | nville        |                  | ny Contact<br>Weiss                    | Telepho<br>372-9   |             | <u></u>            | _          | Project (TRENT,    | Coordinator<br>SJ        | Price Code                            | 9N        |                | ruaround C |
| Project Designation Biological Sampling for DD   | ,                    |               | Samplii<br>600 A | Ig Location AIE                        | HQ   | Cstar       | line)              |            | SAF No.<br>B99-056 |                          | ]                                     |           | 45             | Days 🖰     |
| Ice Chest No. DLCG   | 153                  |               | Field L          | ogbook No.                             |  |             | 3                  |            |                    | of Shipment<br>I Express | · · · · · · · · · · · · · · · · · · · |           |                |            |
| Shipped To<br>TMA RECRA  |                      |               | Offsite          | Property No.                           |  |             | ····               |            | Bill of L          | ding/Air Bill            | No.                                   | ·         |                |            |
|  | <u></u>              |               |                  | ······································ | <u> </u>   | <del></del> |                    |            | COA                | MAT                      | 221940                                |           |                |            |
| POSSIBLE SAMPLE HAZA   | RDS/REMARI           | KS            |                  | Preservation                           | Frozen   |             |                    |            |                    |                          |                                       |           |                | !          |
|  |                      |               |                  | Type of Container                      | *G   | 5199        |                    |            |                    |                          |                                       |           |                |            |
| Special Handling and/or Stor<br>All samples are to be frozen prio  |                      | e lab.        |                  | No. of Container(s)  Volume            | RIN 7  |             |                    |            |                    |                          |                                       |           |                |            |
|  | SAMPLE               | ANALYSIS      |                  |  | Pest/PCBs -<br>8081 (4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT) |             |                    |            |                    |                          |                                       |           |                |            |
| Sample No.   | Matrix •             | Samp          | le Date          | Sample Time                            | THE RESERVE  |             |                    |            |                    |                          |                                       |           |                |            |
| BOV8D6   | Other Soli           | d 4/27        | 2/99             | 9:32                                   | X  | <u>.</u>    |                    |            |                    |                          |                                       |           |                |            |
|  |                      |               |                  |  |  |             |                    |            |                    |                          |                                       |           |                |            |
|  |                      |               |                  | <del></del>                            |  |             |                    |            | _                  |                          |                                       |           |                |            |
| CHAIN OF POSSESSION  |                      |               | Sign/Print       | Names                                  |  | Bird        |                    | kaged in   | ziploc bags        |                          | nple bottles. The                     |           | Matrix<br>Soil |            |
| Relinquished By  | Date/Time            | 12.00 Receive | ed By            | Da                                     | te/Time    ::  |             | ired. Samples are  | to remai   | in frozen. A       | Il samples are col       | lected from non-r                     | ad areas. | Water<br>Vapor |            |
| -NGT. 12. QVd bodzielpailag  | Date/Time            | 12:00 Receive | ed By            | 20 AD 1                                | te/Time  | - Eg        |                    |            |                    |                          | DL SI                                 |           | Other Liquid   |            |
| College of the State of the Sta | 4/22/99<br>Date/Time | 29            |                  | plank. Nelson                          | tertime 110  | 99 fro      | mplesst<br>m deute | vrul<br>ob | . on f             | hon und                  | it 3728<br>fil shipm                  | unt       |                |            |
| College Nicks R  | Nelson               | - ICHAA       | T (              | Da                                     | te/Time  | to          | less.              | গ্র        | plan               | rjn                      | ····                                  |           |                |            |
| LABORATORY Received By SECTION   |                      | o celue       |                  | `- ,                                   | Tool   |             | 5/27/              | 29         | og                 | 36                       |                                       | D:        | ate/Time       |            |
| FINAL SAMPLE Disposal Me<br>DISPOSITION  | thod                 |               |                  |  |  |             | Dispose            | d By       | *                  |                          |                                       | D         | ate/Time       |            |
|  |                      | <del></del>   |                  |  |  |             | <del></del>        |            |                    |                          |                                       |           |                |            |

| Bechtel Hanford I  | nc.  | CF                      | IAIN OF CUS                 | rody/s   | AMPL          | E ANAL  | YSIS               | REQUES                                | T                             |                          | B99-056-55   | Page 1                               | of 1        |
|--|--|-------------------------|-----------------------------|--|---------------|---|--------------------|---------------------------------------|-------------------------------|--------------------------|--------------|--------------------------------------|-------------|
| Collector Linville   |  |                         | ny Contact<br>c Weiss       | Telepho<br>372-9   | ne No.<br>531 |   |                    | Project Coord<br>TRENT, SJ            | inator                        | Price Cod                | e 9N         |                                      | uranround C |
| Project Designation Biological Sampling for DDT/I                    | DDE on the North Slop                                      | Sampli<br>oc - Ot 600   | ng Location Area            | ,-06   | 1.5           |   |                    | SAF No.<br>B99-056                    |                               |                          |              | 45                                   | Days &      |
| Ice Chest No. ERC96.   | -053   | Field L                 | ogbook No.                  |  |               |   |                    | Method of Shi<br>Federal Exp          | pment<br>ress                 |                          |              |                                      |             |
| Shipped To<br>TMA/RECRA  |  | Offsite                 | Property No.                |  |               |   |                    | Bill of Lading                        | 'Air Bill I                   | No.                      | ,            |                                      |             |
|  |  |                         |                             |  |               |   |                    | COA M                                 | EA12                          | 21940                    | )            |                                      |             |
| POSSIBLE SAMPLE HAZARI   | DS/REMARKS   |                         | Preservation                | Frozen   |               |   |                    | i                                     |                               |                          |              |                                      |             |
|  |  |                         | Type of Container           | aG   |               |   |                    |                                       |                               |                          |              |                                      |             |
| Special Handling and/or Storag All samples are to be frozen prior to |  |                         | No. of Container(s)  Volume | 500mL  |               |   |                    |                                       |                               |                          |              |                                      |             |
|  | sample analy<br>Meadow)a                                   |                         |                             | Pest/PCBs -<br>8081 {4,4'-<br>DDD, 4,4'-<br>DDE, 4,4'-<br>DDT} |               |   |                    |                                       |                               |                          |              |                                      |             |
| Sample No.   | , Matrix *   | Sample Date             | Sample Time                 | Town Marie   | at a contract |   |                    |                                       |                               | PRE                      | 1            | Ali X                                |             |
| B0V8D8   | Other Solid  | 5/19/99                 | 1300                        | X  |               | <u> </u>  |                    | _                                     |                               |                          |              |                                      |             |
|  |  |                         |                             |  |               |   |                    |                                       |                               |                          |              |                                      |             |
|  |  |                         |                             |  |               |   |                    |                                       |                               |                          |              |                                      |             |
| CHAIN OF POSSESSION  |  | Sign/Print              | Names                       | 16   | Rind          | LAL INSTR<br>eggs will be pa-<br>ve contents from | ckaged in          | zinlee bage and al                    | aced in sam                   | ple bottles. The         | ne lab is to | Matri:<br>Soi!                       | . •         |
| telinquished By  Spiritury Jew  Epiguished BN  RAN                   | Date/Time 15/5<br>5/25/99<br>Date/Time 1330<br>USON 5/4/99 | Received By             | Fefer Da                    | te/Time 25   | 99 5ú         | red. Samples ar<br>MYUS<br>M JUU                  | Str<br>Str<br>Le H | n frozen. Alí samp<br>HW<br>COllectic | les are colli<br>fully<br>M U | ected from not<br>Not 14 | 3728         | Water Vapor Other Solid Other Liquit | d           |
| ielisquished By  | Date/Time  Cul  Date/Time                                  | Received By Received By | 42510111                    | te/Time<br>of 3i<br>te/Time                                    | -10           | Lub. 5  | 126                | 99 RJN                                | •                             | 11                       |              |                                      |             |
| LABORATORY Received By   |  | <u>]</u>                |                             | Tid  | <u> </u>      |   | <u></u>            |                                       |                               | <u> </u>                 | D            | ate/Time                             |             |
| SECTION  PINAL SAMPLE Disposal Metho                                 | od .   | <del></del>             |                             | <del></del>  |               | Dispos  | sed By             |                                       |                               | <del></del>              | Ď            | ate/Time                             |             |
| DISPOSITION  | <u></u>  | <u></u>                 |                             | <del></del> -  |               | <del></del>                                       | ············       | <del></del>                           | ··-                           | <del></del>              |              |                                      |             |

SAMPLE EXTRACTION RECORD

Extract. Date: 06/04/99

Extraction Batch No: 99LE0693

Analyst: BF

Method: N/A

Sheet no.: 1

Test: 0608

Cleanup Date: 06/07/99

Analyst: AM

Client: TNU-HANFORD B99-056

LIMS Report Date: 06/11/99

Solvent: DCM

Adsorbent: ACID

|         |       | Client Name         | рН | Initial  | Surr. | Spike | Final        | Final       | Split | GPC | %      | C/D    |
|---------|-------|---------------------|----|--|-------|-------|--------------|-------------|-------|-----|--------|--------|
| Sample  | No:   | Client ID           |    | WT/VOL   | Mult. | Mult. | VOL          | VOL         | Mult. | Y/N | Solids | FACTOR |
| 05L101  | -     | TNU-HANFORD B99-056 |    | <del>-                                    </del> | ·     |       | <del> </del> | <del></del> |       |     |        |        |
|         | 001 X | B0V9C2              |    | 2.4  | 1.0   |       | 10           |             | 1.0   | N   | 100.00 | 4166.7 |
|         | 002 X | B0V9B1              |    | 2.0  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 5000.0 |
|         | 003 X | B0V9B2              |    | 2.1  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 4761.9 |
|         | 004 X | B0V9B4              |    | 2.4  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 4166.7 |
|         | 005 X | B0V9B5              |    | 1.8  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 5555.6 |
|         | 006 X | B0V9B6              |    | 2.4  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 4166.7 |
|         | 007 X | B0V9B7              |    | 3.2  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 3125.0 |
|         | 008 X | B0V8B0              |    | 2.6  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 3846.2 |
|         | 009 X | B0V9B8              |    | 2.9  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 3448.3 |
|         | 010 X | B0V9B9              |    | 2.4  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 4166.7 |
|         | 011 X | B0V8B3              |    | 2.4  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 4166.7 |
|         | 012 X | B0V8B2              |    | 2.6  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 3846.2 |
|         | 013 X | B0V8B1              |    | 2.6  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 3846.2 |
|         | 015 X | B0VF60              |    | 4.1  | 1.0   |       | 10           |             | 1.0   | N   | 100.00 | 2439.0 |
|         | 015 X | S BOVF60            |    | 4.5  | 1.0   | 1.0   | 10           |             | 1.0   | N   | 100.0  | 2222.2 |
|         | 015 X | r B0VF60            |    | 5.9  | 1.0   | 1.0   | 10           |             | 1.0   | N   | 100.0  | 1694.9 |
|         | 016 X | B0VF58              |    | 7.0  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 1428.6 |
|         | 017 X | B0V9C1              |    | 3.01   | 1.0   |       | 10           | ,           | 1.0   | N   | 100.0  | 3322.3 |
|         | 018 X | B0V8B4              |    | 4.5  | 1.0   | ÷. •. | 10           | :           | 1.0   | · N | 100.0  | 2222.2 |
|         | 019 X | B0V8B5              |    | 2.8  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 3571.4 |
|         | 020 X | B0V8B6              |    | 2.7  | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 3703.7 |
| LE0693- |       | PBLKLP              |    | 30.0   | 1.0   |       | 10           |             | 1.0   | N   | 100.0  | 333.3  |
| LE0693- |       |                     |    | 30.0   | 1.0   | 1.0   | 10           |             | 1.0   | N   | 100.00 | 333.3  |

Comments: DONE BY SOX. SAMPLE MATRIX IS BUGS

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time   | Reason for Transfer |
|----------------------|-----------------|-----------|-------------|-------------|---------------------|
|                      |                 |           | 10 Rd       | 1-11/0.8    |                     |
|                      | <b>,</b>        |           | Stuster     | יי איןוון ט | revision            |

085

Extract. Date: 06/04/99 Extraction Batch No: 99LE0693 Analyst: BF Method: N/A

Test: 0608 Cleanup Date: 06/07/99 Analyst: AM Client: TNU-HANFORD B99-056

LIMS Report Date: 06/07/99 Solvent: DCM Adsorbent: ACID

| Client Name                  | pH.  | Initial | Surr. | Spike | Final | Final       | Split | GPC |        | C/D         |
|------------------------------|------|---------|-------|-------|-------|-------------|-------|-----|--------|-------------|
| Sample No: Client ID         | r    | WT/VOL  |       |       |       | VOL         | Mult. |     | Solids | FACTOR      |
| 9905L101- TNU-HANFORD B99    | -056 | и,      |       |       |       | <del></del> |       | ·   |        | <del></del> |
| 001 X B0V9C2                 |      | 2.4     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 4166.7      |
| ∕ <del>≤ 001</del> xs 80v9c2 |      | 4.5     | 1.0   | 1.0   | 10    |             | 1.0   | N   | 0.0    | 2222.2      |
| /S- <del>001</del> XT B0V9C2 |      | 5.9     | 1.0   | 1.0   | 10    |             | 1.0   | N   | 0.0    | 1694.9      |
| 002 X B0V9B1                 |      | 2.0     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 5000.0      |
| /' 003 X B0V9B2              |      | 2.1     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 4761.9      |
| 004 X B0V9B4                 |      | 2.4     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 4166.7      |
| 005 X B0V9B5                 |      | 1.8     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 5555.6      |
| 006 X B0V9B6                 |      | 2.4     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 4166.7      |
| 007 X B0V9B7                 |      | 3.2     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 3125.0      |
| 008 X B0V8B0                 |      | 2.6     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 3846.2      |
| 009 х в0V9В8                 |      | 2.9     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 3448.3      |
| 010 х в0V9В9                 |      | 2.4     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 4166.7      |
| 011 X B0V8B3                 |      | 2.4     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 4166.7      |
| 012 X B0V8B2                 |      | 2.6     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 3846.2      |
| 013 X B0V8B1                 |      | 2.6     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 3846.2      |
| 015 X BOVF60                 |      | 4.1     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 2439.0      |
| 016 X BOVF58                 |      | 7.0     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 1428.6      |
| 017 X B0V9C1                 |      | 3.01    | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 3322.3      |
| 018 X B0V8B4                 |      | 4.5     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 2222.2      |
| 019 X B0V8B5                 |      | 2.8     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 3571.4      |
| 020 X B0V8B6                 |      | 2.7     | 1.0   |       | 10    |             | 1.0   | N   | 0.0    | 3703.7      |
| 99LE0693-MB1 X PBLKLP        | •    | 30.0    | 1.0   |       | 10    |             | 1.0   | N   | 100.00 | 333.3       |
| 99LE0693-MB1 XS PBLKLP       |      | 30.0    | 1.0   | 1.0   | 10    |             | 1.0   | N   | 100.00 | 333.3       |

Comments: DONE BY SOX. SAMPLE MATRIX IS BUGS

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |  |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|--|
| All                  | - An            | 6/7/99    | Blook       | ANG       | GC                  |  |

Sheet no.: 1

30

986

Extract. Date: 06/07/99 Extraction Batch No: 99LE0694 Analyst: BF Method: \*\*\*\*

Test: 0608 Cleanup Date: 06/07/99 Analyst: AM Client: TNU-HANFORD B99-056

LIMS Report Date: 06/07/99 Solvent: DCM/HEX Adsorbent: ACID

|           |     |    | Client Name         | рН | Initial | Surr. | Spike | Final | Final | Split | GPC | 8      | C/D    |
|-----------|-----|----|---------------------|----|---------|-------|-------|-------|-------|-------|-----|--------|--------|
| Sample    | No: |    | Client ID           |    | WT/VOL  |       |       |       | VOL   | Mult. |     | Solids | FACTOR |
|           |     |    |                     |    |         |       |       |       |       |       |     |        |        |
| 905L101-  | ,   |    | TNU-HANFORD B99-056 |    | ····    |       |       |       |       |       |     |        |        |
|           | 021 | X  | B0V8B7              |    | 2.4     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 4166.7 |
|           | 021 | XS | B0V8B7              |    | 3.7     | 1.0   | 1.0   | 10    |       | 1.0   | N   | 0.00   | 2702.7 |
|           | 021 | ХТ | BOV8B7              |    | 2.0     | 1.0   | 1.0   | 10    |       | 1.0   | N   | 0.00   | 5000.0 |
|           | 022 | X  | BOV8B8              |    | 2.2     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 4545.4 |
|           | 023 | X  | BOV8CO              |    | 3.1     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 3225.8 |
|           | 024 | Х  | B0V8C1              |    | 4.4     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 2272.7 |
|           | 025 | X  | B0V8C2              |    | 2.3     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 4347.8 |
|           | 026 | X  | B0V8C3              |    | 2.7     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 3703.7 |
|           | 027 | X  | B0V8C4              |    | 4.1     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 2439.0 |
|           | 028 | X  | B0V8C5              |    | 2.5     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 4000.0 |
|           | 029 | X  | B0V8C6              |    | 4.8     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 2083.3 |
|           | 030 | X  | B0V8C7              |    | 2.4     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 4166.7 |
|           | 031 | X  | B0V8C8              |    | 4.1     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 2439.0 |
|           | 032 | Х  | B0V8C9              |    | 2.5     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 4000.0 |
|           | 033 | X  | BOV8D3              |    | 2.2     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 4545.4 |
|           | 034 | X  | B0V874              |    | 3.7     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 2702.7 |
| ,         | 035 | X  | B0V875              |    | 4.1     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 2439.0 |
| !         | 036 | Х  | B0V876              |    | 2.7     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 3703.7 |
|           | 037 | X  | B0V877              |    | 2.9     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 3448.3 |
| (         | 880 | X  | B0V878              |    | 3.0     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 3333.3 |
| (         | 039 | X  | B0V879              | •  | 2.6     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 3846.2 |
| (         | 040 | X  | B0V880              |    | 3.1     | 1.0   |       | 10    |       | 1.0   | N   | 0.00   | 3225.8 |
| DLE0694-1 | MB1 | X  | PBLKLQ              |    | 30.0    | 1.0   |       | 10    |       | 1.0   | N   | 100.00 | 333.3  |

Comments: DONE BY SOX

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|
| M                    | Dr              | 6/7/29    | Mato        | 41/9      | 6                   |

#### SAMPLE EXTRACTION RECORD

Sheet no.: 2

Extract. Date: 06/07/99 Extraction Batch No: 99LE0694 Analyst: BF Method: \*\*\*\*

Test: 0608 Cleanup Date: 06/07/99 Analyst: AM Client: TNU-HANFORD B99-056

LIMS Report Date: 06/07/99 Solvent: DCM/HEX Adsorbent: ACID

| Sample No:      | lient Name<br>Client ID | рН | Initial<br>WT/VOL | Surr.<br>Mult. | _   |    | Split<br>Mult. |   |        | C/D<br>FACTOR |
|-----------------|-------------------------|----|-------------------|----------------|-----|----|----------------|---|--------|---------------|
| 99LE0694-MB1 XS | PBLKLO                  |    | 30.0              | 1.0            | 1.0 | 10 | <br>1.0        | N | 100.00 | 333.3         |

Comments: DONE BY SOX

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|
|                      |                 |           |             | 1665      | Cs.                 |
| 211                  | l la            | 6/2/29    | 1/mg        | 41/9      | 0                   |

87

Extract. Date: 06/08/99 Extraction Batch No: 99LE0702 Analyst: BF Method: \*\*\*\*

Test: 0608 Cleanup Date: 06/10/99 Analyst: AM Client: TNU-HANFORD B99-056

Sheet no.: 1

LIMS Report Date: 06/10/99 Solvent: DCM/HEX Adsorbent: ACID

| _        |     | Client Name         | pН | Initial | Surr. | Spike F                                | Final Final | Split | GPC | %      | C/D    |
|----------|-----|---------------------|----|---------|-------|--|-------------|-------|-----|--------|--------|
| Sample   | No: | Client ID           |    | WT/VOL  | Mult. | Mult.                                  | VOL VOL     | Mult. | Y/N | Solids | FACTOR |
| 905L101- | i   | TNU-HANFORD B99-056 |    |         |       | ······································ |             |       |     |        |        |
|          | 041 | X B0V881            |    | 3.2     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 3125.  |
|          | 042 | x B0V882            |    | 5.3     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 1886.  |
|          | 043 | X B0V883            |    | 5.1     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 1960.  |
|          | 044 | X B0V884            |    | 2.8     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 3571.  |
|          | 045 | K B0V885            |    | 3.4     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 2941.  |
|          | 046 | K B0V886            |    | 2.8     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 3571.  |
|          | 047 | к во <b>v</b> 887   |    | 5.7     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 1754.  |
|          | 048 | K B0V888            |    | 3.1     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 3225.  |
|          | 049 | X B0V889            |    | 4.8     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 2083.  |
|          | 050 | х воу890            |    | 3.7     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 2702.  |
|          | 051 | к в0V891            |    | 3.7     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 2702.  |
|          | 052 | к воv892            |    | 5.7     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 1754.  |
|          | 053 | к воv893            |    | 3.6     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 2777.  |
|          | 054 | K B0V894            |    | 3.7     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 2702.  |
|          | 055 | к воv895            |    | 2.7     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 3703.  |
|          | 056 | K B0V896            |    | 2.9     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 3448.  |
|          | 057 | K B0V897            |    | 2.1     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 4761.  |
|          | 058 | K B0V898            |    | 3.1     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 3225.  |
|          | 059 | K B0V899            |    | 1.8     | 1.0   |  | 10          | 1.0   | N   | 0.0    | 5555.  |
|          | 059 | KS BOV899           |    | 1.5     | 1.0   | 1.0                                    | 10          | 1.0   | N   | 0.0    | 6666.  |
|          | 059 | KT BOV899           |    | 1.3     | 1.0   | 1.0                                    | 10          | 1.0   | N   | 0.0    | 7692.  |
| LE0702-  | MB1 | K PBLKLV            |    | 30.0    | 1.0   |  | 10          | 1.0   | N   | 100.00 | 333.3  |
| E0702-   | MB1 | KS PBLKLV           |    | 30.0    | 1.0   | 1.0                                    | 10          | 1.0   | N   | 100.00 | 333.3  |

DONE BY SOX , 101-43 WELLO NET ACTO CITAN, Comments:

Surrogate: 100 UL 8080 PSUR 65370107 @ 4-10 UG/ML

Spike: 500 UL DDT SERIES SPIKE 65371601 @ 1.0 UG/ML

| Extracts Transferred | Relinquished By | Date Time | Received By | Date Time | Reason for Transfer |  |
|----------------------|-----------------|-----------|-------------|-----------|---------------------|--|
| RIL                  | . An            | 6/10/189  | Blas        | 6/1/98    | 6                   |  |



Chemical and Environmental Measurement Information

# Recra LabNet Philadelphia **Analytical Report**

Client: TNU-HANFORD B99-056

RFW#: 9906L135

SDG/SAF#: H0424/B99-056

W.O.#: 10985-001-001-9999-00

Date Received: 05-27-99

**PESTICIDE** 

The set of samples consisted of two (2) egg samples collected on 05-03,05-99.

The samples and their associated QC samples were extracted on 06-24-99 and analyzed based on SW846, 3rd Edition procedures on 06-29-99 and 07-01-99. The extraction procedure was based on method 3540 and the extracts were analyzed based on method 8081.

The following is a summary of the QC results accompanying the sample results and a description of any problems encountered during their analyses:

- 1. All required holding times for analysis have been met, however no extraction holding time was used for egg samples.
- 2. The samples and their associated QC samples received a sulfuric acid cleanup.
- 3. The method blank was below the reporting limits for all target compounds.
- 4. All obtainable surrogate recoveries were within acceptance criteria.
- 5. All blank spike recoveries were within acceptance criteria.
- 6. Matrix spike recoveries were unobtainable for 4,4'-DDE due to the high concentration of 4,4'-DDE in the sample. All other matrix spike recoveries were within acceptance criteria.
- 7. Both samples required instrument dilutions due to high concentrations of target analytes. Reporting limits have been adjusted to reflect the necessary dilutions.
- All initial calibrations associated with this data set were within acceptance criteria. 8.
- 9. All continuing calibration standards analyzed prior to sample extracts were within acceptance criteria.

J. Michael Taylor

Vice President

Philadelphia Analytical Laboratory

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The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 6 pages.

001

#### Recra LabNet Philadelphia

#### GLOSSARY OF PESTICIDE/PCB DATA

#### **DATA QUALIFIERS**

- U = Indicates that the compound was analyzed for but not detected. The minimum detection limit for the sample (not the method detection limit) is reported with the U (e.g., 10U).
- J = Indicates an estimated value. This flag is used in cases where a target analyte is detected at a level less than the lower quantification level. If the limit of quantification is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination.
- E = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- I = Interference.

#### **ABBREVIATIONS**

- BS = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spiking solutions and carried through all the steps in the method. Spike recoveries are reported.
- **BSD** = Indicates blank spike duplicate.
- MS = Indicates matrix spike.
- MSD = Indicates matrix spike duplicate.
- **DL** = Indicates that recoveries were not obtained because the extract had to be diluted for analysis.
- NA = Not Applicable.
- **DF** = Dilution Factor.
- NR = Not Required.
- SP = Indicates Spiked Compound.



### Recra LabNet Philadelphia

# **GLOSSARY OF PESTICIDE/PCB DATA**

- P = This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a "P".
- D = This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- C = This flag applies to a compound that has been confirmed by GC/MS.

RFW #21-21-035/A-03/97



#### Recra LabNet - Lionville Laboratory

| RFW Batch Nu          | umber: 9906L135      |              |                | cides/PCB  | -       |                 |             | der: 109        |             | -            |         | 07/03/99 1         |         |
|-----------------------|----------------------|--------------|----------------|------------|---------|-----------------|-------------|-----------------|-------------|--------------|---------|--------------------|---------|
|                       | Cust ID:             | B0V8F(       |                | B0V8F      |         | B0V8F           |             | B0V8F           |             | B0V8D        |         | PBLKMT             | 0.04    |
| Sample<br>Information | RFW#:<br>Matrix:     | 001<br>SOLID | L              | 001 D      |         | 001 MS<br>SOLID | 3           | 001 MS<br>SOLID |             | 00:<br>SOLID | 2       | 99LE0754-1<br>SOIL |         |
| THIOTHACTOR           | D.F.:<br>Units:      | 1.(<br>UG/F  |                | 20<br>UG/1 | .0      | 1.0<br>UG/F     |             | 1.<br>UG/       | 00          | 10<br>UG/1   |         | 1.0<br>UG/I        | 00      |
| Surrogate:            | Decachlorobiphenyl   | 101          | 8              | D          | %       | 92              | %           | 99              | ક           | D            | *       | 92                 | ~~      |
|                       | Tetrachloro-m-xylene | 108          | %<br>==fl==    | D          | %<br>£1 | 98              | %<br>==fl== | 108             | %<br>==fl== | D            | -<br>+1 | 100<br>=======     | %<br>£1 |
| 4,4'-DDE              |                      |              | E<br>E T T = = | 1800       | sellse  |                 | ==11==      | 123             | E%          | 1000         | 1       | 3.3                |         |
|                       |                      | 21           | U              | NA         |         | 90              | %           | 90              | *           | 230          | U       | 3.3                | U       |
| 4,4'-DDT              | <u> </u>             | _ 21         | U              | NA         |         | 80              | %           | 90              | ક           | 230          | Ū       | 3.3                | U       |
|                       | Cust ID:             | PBLKMT BS    |                |            |         |                 |             |                 | <u>-</u>    |              |         |                    |         |
| Sample                | RFW#:                | 99LE0754-M   | ß1             |            |         |                 |             |                 |             |              |         |                    |         |
| Information           | Matrix:<br>D.F.:     | SOIL<br>1.0  | 00             |            |         |                 |             |                 |             |              |         |                    |         |

|            | Units:               | UG/ | KG   |   |
|------------|----------------------|-----|------|---|
| Surrogate: | Decachlorobiphenyl   | 90  | ક    |   |
|            | Tetrachloro-m-xylene | 100 | ક    |   |
| ========   |                      |     | ==f1 | =======fl======fl======fl======fl======fl====== |
| 4,4'-DDE   |                      | 120 | 왕    |   |
| 4,4'-DDD   |                      | 100 | ક    |   |
| 4,4'-DDT_  |                      | 90  | ક્ષ  |   |

U= Analyzed, not detected. J= Present below detection limit. B= Present in blank. NR= Not reported. NS= Not spiked. %= Percent recovery. D= Diluted out. I= Interference. NA= Not Applicable. \*= Outside of EPA CLP QC

# Recra LabNet - Lionville Laboratory PEST/PCB ANALYTICAL DATA PACKAGE FOR TNU-HANFORD B99-056

DATE RECEIVED: 05/27/99 RFW LOT # :9906L135

| CLIENT ID | RFW   | #           | MTX | PREP #   | COLLECTION | EXTR/PREP | ANALYSIS |
|-----------|-------|-------------|-----|----------|------------|-----------|----------|
|           |       | <del></del> |     |          |            |           |          |
| BOV8FO    | 001   |             | so  | 99LE0754 | 05/03/99   | 06/24/99  | 06/29/99 |
| B0V8F0    | 001   | 01          | so  |          | 05/03/99   | 06/24/99  | 07/01/99 |
| B0V8F0    | . 001 | MS          | so  | 99LE0754 | 05/03/99   | 06/24/99  | 06/29/99 |
| BOV8F0    | 001   | MSD         | so  | 99LE0754 | 05/03/99   | 06/24/99  | 06/29/99 |
| BOV8D8    | 002   |             | so  | 99LE0754 | 05/19/99   | 06/24/99  | 07/01/99 |
| LAB QC:   | ÷     |             |     |          |            |           |          |
|           |       |             |     |          |            |           |          |
| PBLKMT    | MB1   |             | S   | 99LE0754 | N/A        | 06/24/99  | 06/29/99 |
| PBLKMT    | MB1   | BS          | S   | 99LE0754 | N/A        | 06/24/99  | 06/29/99 |

gw 7-06-97

PECRA LabNet Use Only

# **Custody Transfer Record/Lab Work Request**



|  |  |                       |               |                     |  |             |   |                           |                 |                           |              |               |   | <del>,</del>                                     | r -   |  |  |  |                   |                |        |       |               | <del></del>  |
|--|--|-----------------------|---------------|---------------------|--|-------------|---|---------------------------|-----------------|---------------------------|--------------|---------------|---|--|---|--|--|--|-------------------|----------------|--------|-------|---------------|--|
| Client _TAU  | <u> L- H</u>   | antors                | <u> 1599-</u> | 054                 | 2  | · · · · · · | Refrige                                       | rator#                    |                 | ļ                         |              | 4             | <u> </u>                                    | ļ  | -   | <u> </u>   | <u> </u>   | <b>├</b>   |                   | 2 2 2 2 2 2    |        |       | <del></del>   | +  |
| Set Sinel Prof. Remailed Date  |  |                       |               |                     |  |             | #/Type Container                              |                           | Liquid<br>Solid |                           | ļ            | 10            | ļ.<br>—                                     |  |   | ļ  | ····   | <del> </del>   | 1 2               | 1999<br>1900 s |        |       | 1 20          | 1934<br>1944<br>1944<br>1944<br>1944<br>1944<br>1944<br>1944 |
| Project #  | roject # 10985-001-001-9999-00   |                       |               |                     |  |             |   | Liqu                      |                 |                           |              | la            |   | <del> </del>                                     | <del> </del>  |  |  | <del> </del>   | 3.                | 14.25          | .41.   | 3.1   | 1             |  |
| Project # 10985-001-001-9999-00 Project Contact/Phone # RECRA Project Manager OJ  OC APLO Del AND TAT 30 day |  |                       |               |                     |  |             |   | )                         | Solid           | <del> </del>              |              | 126           |   | <del>                                     </del> | <del>  .                                     </del> | <del>                                     </del>               |  | <del></del>  | 7                 |                |        |       | - 37          | - 3.   |
|  |  |                       |               |                     |  |             |   | atives                    |                 | <b></b>                   |              | coa           | _   | <del>                                     </del> |   |  | <u> </u>   |  | - 5               | 262            | 31     |       | 33            | 3.   |
| oc spee  | De   | ata                   |               |                     |  |             |   | ANIC                      |                 |                           | 1            |               |   | PIG  |   | 福春   | X  |  | 復務                | 1.2            |        |       |               |  |
| Date Rec'd _5/27/99 Date Due   |  |                       |               |                     |  |             | REQUE   | -                         | Š               | BNA                       | Pest/<br>PCB | Herb          |   | ; • · ·  |   | Metal  | Ö  | - Aller State of the State of t |                   |                |        |       |               |  |
| MATRIX   | ATRIX  |                       |               |                     |  |             |   |                           |                 | ↓ RECRA LabNet Use Only ↓ |              |               |   |  |   |  |  |  |                   |                |        |       |               |  |
| CODES:<br>8 • Soil<br>SE • Sediment  | Lab<br>ID  | Client ID/Description |               | QC<br>Chosen<br>(√) |  | Matrix      | Date<br>Collected                             | Time<br>Collected         |                 |                           | to get       |               |   |  |   |  |  |  |                   |                |        |       |               |  |
| 80 - Solid   |  |                       |               |                     | MS   | MSD         |   |                           |                 | <u> </u>                  |              | 8             |   |  |   |  |  |  |                   | <u> </u>       |        |       | <u> </u>      |  |
| SL - Sludge<br>W - Water   | 100  | BOV8F                 | 0 !           |                     | T  |             | 50  | 5/3/99                    | 1446            |                           |              | <b>V</b> .    |   | 1-3  | 500   | ml   | ale  | ess  | ja                | رع             |        |       |               |  |
| O - OH<br>A - Air  |  | BOV8D                 |               |                     |  |             | SO  | 5/19/99                   |                 |                           |              | $\overline{}$ |   |  |   |  | 0  |  | 0                 | 1.             |        | ,     | 374           | 3.   |
| DS - Drum ( * )<br>Solids  | 2.5.5  | 1, 1                  |               | <u> </u>            |  |             |   |                           |                 |                           |              |               |   |  |   |  | -53"   |  |                   |                |        |       | 1             | 1  |
| DL - Drum<br>Liquids   |  | <b>6</b> 3 . 3 . 1    |               | :                   | <del>                                     </del> |             |   | · ·                       |                 |                           |              |               |   |  |   |  |  |  |                   | 1.             |        |       |               | 739 1  |
| L - EP/TCLP<br>Leachate  |  |                       | . :           |                     | 1  |             |   |                           |                 |                           | -            |               |   |  |   |  |  |  |                   | 15"            |        | - E   |               |  |
| WI - Wipe<br>X - Other   |  |                       |               |                     |  |             |   |                           |                 |                           |              |               |   |  |   |  |  |  |                   | 6.4            |        | •     |               | ()(1)  |
| F • Fish   |  | 15.7                  | ····          |                     | 1  |             |   |                           |                 |                           |              |               |   |  |   |  |  |  | • •               | ii şe          |        | 1.1   | ;             |  |
|  |  | 1                     | : ,           | ٠.                  |  |             |   |                           |                 |                           |              |               | ···   |  |   |  |  |  |                   |                |        |       | ì             | (Si  |
|  |  |                       |               |                     |  |             |   |                           | 1 1 E           |                           |              |               |   |  |   |  |  |  |                   | 1 2            |        | 7,    | : :           | A.   |
|  |  |                       |               |                     |  |             |   | ;                         | 1 7             |                           |              |               |   |  | ·   |  |  |  | : 4               | 2.01           | :      | ,     | 1.5           | 1  |
| FIELD PERSON   | NEL: CO  | MPLETE ONL            | Y SHADED ARI  | EAS                 |  | ┰╗          | ATE/REV                                       | ISIONS                    | 1 .             |                           | 10           | ر سره         |   |  |   | <u> </u>   | <u> </u>   |  | DECD              | Alab           | Not II | se On | in the second | <u> </u>   |
| Special Instruc  |  |                       |               |                     | -  | _           |   | 1. <u>Kl</u>              | eog i           | 9                         | 990          | 10 L          | 101   | -0   | 14  |  | -  |  | nLON              | ~ cau          | Het O  |       | .y            |  |
| saf #  | Saf # B99-056  |                       |               |                     |  |             | 1. Relog of 9905 L101-014<br>2. 9905 L101-061 |                           |                 |                           |              |               |   |  |   | Samples were: COC Tape was:  1) Shipped or 1) Present on Outer |  |  |                   |                |        |       |               |  |
| v  |  |                       |               |                     |  |             |   | 2                         |                 | •                         |              |               |   |  |   |  | Hai  | nd Delly   | rered _           | _              |        | ge Y  |               |  |
|  | COMPOSITE WASTE  |                       |               |                     |  |             | · ·   |                           |                 |                           |              |               |   |  |   |  |  | Airbill # 2) Unbroken on Outer   |                   |                |        |       |               |  |
|  |  |                       |               |                     |  |             | 4   |                           |                 |                           |              |               |   |  |   |  | 2) Ambient or Chilled Package Y or N 3) Received in Good 3) Fasent on Sample |  |                   |                |        |       |               |  |
|  |  |                       |               |                     |  |             |   | 5                         |                 |                           |              |               |   |  |   |  |  | 3) Received in Good 3) Vescent on Sample Condition Y or N Y or N   |                   |                |        |       |               |  |
|  | <b>₩.</b> ,  |                       |               |                     |  |             |   | 6,                        |                 |                           |              |               |   |  |   |  |  | 4) Labels Indicate 1) Unbreken on  |                   |                |        |       |               |  |
| Relinquished   | R  | eceived               |               |                     | Relin  | au          |   |                           |                 |                           | 1            |               |   |  | P-1   |  | ۲۳۰ ز  | peny P   | A/ &i.<br>LeeelAe | עני            | •      | e Y   |               |  |
| Ďу   |  |                       |               |                     |  | b)          | JH  | C                         |                 |                           | Tir          | ne            | Discrepancies Between<br>Samples Lables and |  |   |  |  | COC Record Present  5) Received Within Upon Sample Rec't   |                   |                |        |       |               |  |
| Decley Soller Slatter 0930   |  |                       |               |                     |  | -           |   | COC Record? Y or N NOTES: |                 |                           |              |               |   |  |   | r N  | Holding Times Y or N Y or N  |  |                   |                |        |       |               |  |
|  | The state of the s |                       |               |                     |  |             |   | WRITTEN                   |                 |                           |              |               |   |  |   |  |  |  |                   | .4             |        |       |               |  |
| <del> </del>   | l  | 1                     |               |                     |  |             | - 7   |                           |                 |                           |              |               | Щ   |  |   | _  |  |  |                   |                |        |       |               |  |